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Course Descriptions

Saint Mary's College of California

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Course Descriptions

Any course listed in this catalog with a prerequisite assumes a grade of C– or better in the prerequisite course, unless specified otherwise by the department or program in its course listings.

Courses numbered 1 to 99 are lower-division; courses numbered 100 to 199 are upper-division; courses numbered 200 to 599 are graduate. Course numbers which are hyphenated (e.g., ACCTG 160-ACCTG 161) indicate that the course is continued from the previous term, and that the first part is normally prerequisite to the second part. Credit is given for each part.

Final information concerning course offerings and class schedules will be issued at the time of registration for each term. January Term courses are listed separately in a special on-line catalog published each fall. The College reserves the right to cancel any course for enrollment or administrative purposes.

Accounting - Lower Division

ACCTG 001 - Financial Accounting

Lower Division

This course introduces students to the basic structure of financial accounting. Topics include the accounting model, the adjustment process, accounting for elements of the income statement and balance sheet, statement of cash flows, and interpretations of financial statements. The course presents both a preparer's as well as a user's perspective.

Term Offered

Fall, Spring

Course credits: 1

ACCTG 002 - Managerial Accounting

Lower Division

Prerequisites

ACCTG 001.

Focus is on understanding costs and cost behavior and the use of cost information for planning, evaluation, and control decisions. Students learn how a business manager uses management accounting information to solve problems and

manage activities within an organization.

Term Offered

Fall, Spring

Course credits: 1

Accounting - Upper Division

Students may not transfer more than two upper-division accounting courses from another institution for credit in the accounting major (or minor). Online courses will not be accepted for credit. Transfer credits must be approved by the program director.

Upper division courses are offered one term per year. It is the responsibility of the student to ensure that they take all required courses in the term in which they are offered.

ACCTG 160 - Intermediate Accounting 1

Upper Division

Prerequisites

ACCTG 001.

The first in a three-course series in intermediate financial accounting, designed to deepen the students' understanding of financial reporting practices and principles. The topical coverage includes an in-depth treatment of the conceptual framework, elements of the income statement, cash flow statement, and balance sheet. Revenue recognition and inventories are emphasized in this first course. Attention is given to examples of current reporting practices, and to the study of the reporting requirements promulgated by the Financial Accounting Standards Board.

Term Offered

Fall

Course credits: 1

ACCTG 160L - Lab #1: Editing and Introduction to Speaking

Upper Division

Concurrently

Must be taken concurrently with ACCTG 160

This lab exposes students to the type of writing expected in their profession and introduces them to professional speaking standards.

Core Curriculum Designation(s)

WID - The completion of the three course sequence (160L, ACCTG 161L and ACCTG 162L) satisfies the Writing in the Discipline requirement of the Core Curriculum.

Course credits: 0.25

ACCTG 161 - Intermediate Accounting 2

Upper Division

Prerequisites

ACCTG 160.

The second course in a three-course series in intermediate financial accounting. The topical coverage includes an in-depth analysis of long lived assets, current and long term debt, stockholder's equity and earnings per share calculations.

Term Offered

Spring

Course credits: 1

ACCTG 161L - Lab #2: Informative Writing and Speaking

Upper Division

Concurrently

Must be taken concurrently with ACCTG 160

Prerequisites

ACCTG 160L.

In this lab, students will apply editing and organizational skills to the types of communication expected of accounting professionals.

Core Curriculum Designation(s)

WID - The completion of the three course sequence (ACCTG 160L, 161L and ACCTG 162L) satisfies the Writing in the Discipline requirement of the Core Curriculum.

Term Offered

Fall

Course credits: 0.25

ACCTG 162 - Intermediate Accounting 3

Upper Division

Prerequisites

ACCTG 161.

The third course in a three-course series in intermediate financial accounting. The topical coverage includes an in-depth analysis of investments, tax reporting: revenue recognition, pensions, leases, accounting changes and errors, Statement of Cash Flows, and interim and segment reporting.

Term Offered

Fall

Course credits: 1

ACCTG 162L - Lab #3: Argument

Upper Division

Prerequisites

ACCTG 161L.

This lab will introduce students to formal argument necessary in accounting policy formulation.

Core Curriculum Designation(s)

WID - The completion of the three course sequence (ACCTG 160L, ACCTG 161L and 162L) satisfies the Writing in the Discipline requirement of the Core Curriculum.

Term Offered

Spring

Course credits: 0.25

ACCTG 164 - Auditing

Upper Division

Prerequisites

ACCTG 162. ACCTG 191.

This course integrates the theory and practice of auditing. Special emphasis is given to current issues facing the profession. Includes coverage of professional standards, ethics, evaluation of internal control, consideration of risk, gathering of audit evidence, sampling, consideration of fraud factors, EDP auditing, liability issues, and overview of other assurance service.

Term Offered

Spring

Additional Notes

Senior standing.

Course credits: 1

ACCTG 164L - Lab #4: Oral Presentation

Upper Division

Prerequisites

ACCTG 162L.

In this lab, students will learn and apply professional oral presentation skills.

Term Offered

Spring

Course credits: 0.25

ACCTG 168 - Tax Accounting

Upper Division**Prerequisites**

ACCTG 001.

Examines current federal taxation related to individuals. The topics covered include determination of individual income tax liability, gross income inclusions and exclusions, capital gains and losses, deductions and losses, losses and bad debts, depreciation and property transactions.

Term Offered

Spring

Course credits: 1

ACCTG 170 - Selected Issues in Accounting**Upper Division****Prerequisites**

ACCTG 162.

In this seminar-type class students read and discuss authoritative pronouncements from the Financial Accounting Standards Board, releases from the American Institute of Certified Public Accountants and the California Society of CPAs, as well as current newspaper and journal articles. A variety of current issues related to accounting standards and professional employment in accounting are discussed, such as emerging international accounting standards, ethical issues, forensic accounting, peer review, fraud managed earnings, market reaction to accounting information, corporate governance and new developments at the SEC.

Course credits: 1

ACCTG 178 - Volunteer Income Tax Assistance**Upper Division****Prerequisites**

ACCTG 168.

This service learning course allows students to gain practical experience by applying what they have learned from previous coursework in the preparation of income tax returns for low income individuals, in an economically disadvantaged neighborhood, on a pro bono basis. This course gives students an opportunity to increase their tax knowledge and interpersonal skills.

Core Curriculum Designation(s)

CE - Community Engagement

Term Offered

Spring

Course credits: 0.5

ACCTG 191 - Accounting Information Systems

Upper Division

Prerequisites

ACCTG 161.

Examines the communication, information and networking technologies used by companies with a focus on accounting and financial systems. In addition, contemporary information technology issues are discussed, such as file processing, data-management concepts, LAN technology and system design, implementation, operation and control. Students are exposed to spreadsheet programs, database and accounting package software using cases and examples.

Term Offered

Fall

Course credits: 1

ACCTG 195 - Internship

Upper Division

Prerequisites

Permission of the instructor and program director is required.

Work-study program conducted in an appropriate internship position under the supervision of a faculty member.

Course credits: Credit may vary

ACCTG 197 - Independent Study

Upper Division

Prerequisites

Permission of the instructor and program director is required.

This course allows students to study accounting topics of interest to them on an individual basis.

Course credits: Credit may vary

ACCTG 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: Credit may vary

Allied Health Science - Upper Division

AHS 100 - Environmental Health

Upper Division

Prerequisites

ENGL 005, CHEM 008/CHEM 009, CHEM 010/CHEM 011, BIOL 001/BIOL 001L and BIOL 002/BIOL 002L.

Study the health effects of toxic chemicals on biological systems and their movement through environmental matrices. This is a writing intensive course in which students learn about the properties of toxic substances, biological mechanisms of action, public health impacts of exposure, environmental justice, methods of prevention, and how to evaluate related research and policy. It builds on the rhetorical and critical thinking skills used to analyze texts developed in ENGL 005 and upon the fundamental biological and chemical concepts presented in introductory biology and chemistry. The research paper will prepare students with the skills to research and present on a range of topics in the health science discipline. Required for all Allied Health Science majors. Three hours of lecture per week.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Term Offered

Offered every semester.

Course credits: 1

AHS 101 - Human Nutrition

Upper Division

Prerequisites

ENGL 005, BIOL 001/BIOL 001L, CHEM 008/CHEM 009, CHEM 010/CHEM 011.

Study the health effects of nutrition on the human biological system. This is a writing intensive course providing an overview of current topics in nutrition within the context of public health. In addition to studying the biochemical properties of macronutrients and micronutrients, we will explore concepts in dietary assessment and epidemiology, dietary toxic exposure and prevention strategies, life cycle nutrition, global nutrition, public health and community nutrition, agriculture and food policy, and evaluation of related research. It builds on the rhetorical and critical thinking skills used to analyze texts developed in ENGL 005 and upon the fundamental biological and chemical concepts presented in introductory biology and chemistry. The research paper will prepare students with the skills to research and present on a range of topics in the health science discipline. Students may take this course in or any time after the spring semester of sophomore year and after completing introductory chemistry and biology.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

Anthropology - Lower Division

Note: Courses are offered on a rotating basis unless otherwise noted.

ANTH 001 - Introduction to Social and Cultural Anthropology

Lower Division

The course examines the nature of culture and the diversity of societies worldwide. It focuses on cultures in Asia,

Oceania, Africa, and the Americas, and introduces the beginning student to some of the main topics of anthropology including kinship, gender, the world system, fieldwork, magic and religion, race and ethnicity, social change, and the political system of societies throughout the world.

Core Curriculum Designation(s)

SHCU - Social, Historical and Cultural Understanding; GP - Global Perspectives; TCG - The Common Good

Course credits: 1

ANTH 005 - Introduction to Archaeology

Lower Division

Concurrently

Students are encouraged to enroll in ANTH 011, but it is NOT required.

Students are introduced to the ancient cultures of the world that existed before written records (i.e., prehistory). Cultures from every world area are studied, including the Aztec Empire, Mycenaean Greece, Mesopotamia, the Celts, and the Inca Empire. Additionally, students gain an understanding of the methods and theories of contemporary archaeology through lecture, discussion, and hands-on activities.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Course credits: 1

ANTH 011 - Introduction to Archaeological Methods

Lower Division

This .25 credit activities course will give students the opportunity to learn some basic archaeological field and lab methods.

Course credits: 0.25

Anthropology - Upper Division

ANTH 100 - Principles of Anthropology

Upper Division

This course provides majors with an introduction to the methods and theories of traditional American anthropology. It is an important transition course for majors who have completed their Lower-division requirements, and are preparing for their theory and methods courses. The course will focus on research and writing as well as providing students with a basic history of the development of American anthropology. Students will become familiar with some of the major debates in the discipline. Students are strongly advised to take this course during their sophomore year.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Additional Notes

This course is limited to majors and minors.

Course credits: 1

ANTH 105 - Linguistic Anthropology

Upper Division

Linguistic anthropologists seek to understand the dynamic relationship between language and culture. In this course, students will examine how basic elements of language are imbued with cultural meaning, and how cultural meaning is expressed through various linguistic modalities. The course will cover key themes in linguistic anthropology including language, gender, and sexuality, language and race, language diversity, and language and power. As part of this process, we will examine the theory behind ethnographic data collection, analysis, and transcription. Throughout the course, students will have the opportunity to collect and analyze their own data.

Core Curriculum Designation(s)

AD - American Diversity

Course credits: 1

ANTH 111 - Kinship, Marriage and Family

Upper Division

For more than a century anthropological research has focused on households, kinship relations, childhood and families across cultures and through time. The anthropological record shows us that concepts such as "marriage," "childhood" and "family" have been understood in radically different ways, and this course provides students with a historical and theoretical perspective on the anthropological study of kinship as it relates to different issues connected to the state of marriage, family, and childhood throughout the world.

Repeatable

May be repeated as content varies.

Course credits: 1

ANTH 112 - Global Perspectives on Race

Upper Division

This course examines the theoretical underpinnings of "race" and "ethnicity" as culturally constructed models. Ethnographic case studies from a variety of international geopolitical regions, including the United States, supplement lectures on such topics as scientific racism and eugenics.

Course credits: 1

ANTH 114 - Urban Anthropology

Upper Division

By 2030, two out of three people will live in an urban world, with most of the explosive growth occurring in developing countries. Taking the city as a subject of investigation, students explore the historical conditions that brought about cities and the subsequent developments that have given us megacities. The course explores how the city functions as a site to negotiate cultural diversity and utopian ideals. Drawing from ethnographic cases throughout the

developed and developing world, the course examines the complex structural and cultural forces that shape the lives of those who dwell in cities, and how urban culture is produced and reproduced under the influences of industrialization, colonialism, and globalization.

Course credits: 1

ANTH 115 - Anthropology of Digital Cultures

Upper Division

Facebook. Instagram. World of Warcraft. This course focuses on understanding digital cultures through the lens of contemporary anthropology. Students will become proficient with digital cultures and environments through both theoretical investigation and ethnographic immersion into virtual worlds, cyber-culture, online gaming, and other forms of digitally mediated social networks. Students will engage in fieldwork that examines emerging virtual worlds, migratory practices, and developing markets. The purpose of this course is to provide students with the necessary analytical tools, based on anthropological theory and methodology, to explore, describe, and define digital cultures and virtual communities.

Course credits: 1

ANTH 117 - Anthropology of Religion

Upper Division

Through the study of ethnographic texts, social science theory, and first-person accounts of religious experiences, students in this class will examine a range of religious rituals, traditions, and experiences. In the course, students will encounter a number of religious traditions such as Catholicism, Christianity, Hinduism, and Shamanism. Through the close examination of ethnographic texts, students will gain an appreciation for diverse social, cultural, ethical, and theological traditions, and how religion intersects in diverse ways across cultural contexts.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

ANTH 118 - Culture, Health, and Healing

Upper Division

Medical anthropology explores the interaction between health, culture, and disease, emphasizing the importance of understanding issues of health and sickness cross- culturally. Medical anthropologists also look at the roles of health care professionals, patients, and medical settings addressing the relationships between health care systems, and political and economic systems.

Course credits: 1

ANTH 119 - Cultures of the Americas

Upper Division

This course examines the traditional lifeways and contemporary social issues of different North, Central, and South American ethnic groups. While addressing the past, the emphasis is on the contemporary period, with the course

focusing on the social, cultural, and historical experiences of different ethnic groups. Among the topics covered are assimilation and resistance, the social and political power structure, ethnic identity, family systems, and cultural values, labor and migration, the role of religion, and status of women.

Repeatable

May be repeated as content varies.

Course credits: 1

ANTH 120 - Visual Anthropology

Upper Division

Film and photography are powerful media for the representation (or misrepresentation) of social and natural worlds. Because we live in an image-saturated society, this course aims to help students develop a critical awareness of how visual images affect us, and how they can be used and misused. The course examines photographic and cinematic representations of human lives with special emphasis on the documentary use of film and photography in anthropology. The course has historical, theoretical, ethical, and hands-on components, and students will learn to use photos, PowerPoint and video to produce a coherent and effective presentation.

Course credits: 1

ANTH 121 - World Cultures

Upper Division

Each World Culture course concentrates on the cultural, historical, political, religious and geographic factors that shape the lives of people living today in a particular region or country, for example, Central and South America, the Middle East, Asia and sub-Saharan Africa, Mesoamerica, Western Europe, India, China, Polynesia, the Philippines, etc.

Repeatable

May be repeated as content varies.

Course credits: 1

ANTH 124 - Museum Studies

Upper Division

Museum Studies is offered in cooperation with Saint Mary's Hearst Art Gallery and Museum, and as part of the Archaeology/Art and Art History split major. In this course students study the history of museums, and the ethical issues involved in the collecting and exhibiting of cultural artifacts. The course gives students hands-on experience researching artifacts for inclusion in an exhibition, designing an exhibition at the Hearst Gallery, and designing and writing the explanatory wall text, posters, and brochures for a show. Students also learn to serve as docents and to convey information about museum exhibitions to different audiences. Offered occasionally when an exhibition appropriate for student involvement is scheduled at the Hearst Art Gallery and Museum.

Course credits: 1

ANTH 125 - Gender and Culture

Upper Division

While sex is biological, gender refers to the set of cultural expectations assigned to males and females. This course takes a four-field anthropological approach to understanding gender, investigating such topics as third and fourth gender diversity, gender among non-human primates, gender roles in prehistory, and the sociolinguistics of gender usage. Special attention is paid to the ways in which gender articulates with other social practices and institutions such as class, kinship, religion, and subsistence practices.

Course credits: 1

ANTH 126 - Field Experience

Upper Division

Guided by an anthropology professor of the student's choice, this course provides students with the opportunity to gain hands-on experience conducting anthropological or archaeological analysis in the field. Among other sites, students can select supervised work in archaeological digs, community agencies, government bureaus, museums, and political or industrial organizations.

Course credits: 1

ANTH 127 - Topics in Archaeology

Upper Division

Prerequisites

Successful completion of ANTH 005 is recommended, but NOT required.

This course introduces students to a major area of contemporary archaeological thought. Possible topics include cultural resource management, mortuary archaeology, the archaeology of culture contact, gender archaeology, historical archaeology, material culture and ethnicity, an in-depth study of the archaeology of a particular time period (e.g., the Neolithic), and archaeological methods.

Repeatable

May be repeated as content varies.

Course credits: 1

ANTH 128 - Food and Culture

Upper Division

Food touches every aspect of life. It can be a symbol of love, sex, community, and national, ethnic, and gender identity. The cultural complexities behind the symbolic meaning of "food" in a cross-cultural context are vast. Furthermore, the political and economic ramifications of consumption, as well as the production and distribution of food, is fraught with significance about what it means to be a responsible human being in an increasingly global world. This course exposes students to the myriad roles that food plays in all cultures, while critically engaging our own cultural attitudes and assumptions about food.

Course credits: 1

ANTH 129 - Ancient Civilizations

Upper Division

Prerequisites

Successful completion of ANTH 005 is recommended, but NOT required.

Ninety-nine percent of human cultural development took place before the advent of written records, and therefore archaeology is the primary source of knowledge of these cultures. This course focuses on the practices of prehistoric people, such as how they made stone tools, decorated cave walls, organized their villages, domesticated plants, and built monuments like Stonehenge. Special attention is given to topics such as gender, kinship, religion, and art. Students also learn how cross-cultural comparisons of ancient civilizations have led to insights regarding the emergence of cultural complexity, city life, social classes, and other modern social phenomena.

Course credits: 1

ANTH 130 - Anthropological Theory

Upper Division

Prerequisites

Students must be in their senior year or receive permission of instructor to enroll.

This course is Part I of the capstone course sequence for anthropology majors. Through close reading and in-depth discussion of primary theoretical texts, students gain an understanding of the history of American anthropological theory from the 19th century to the present.

Course credits: 1

ANTH 131 - Cultural Geography

Upper Division

Cultural geography studies the way people shape and give meaning to their environment, and allows us to look at the fascinating variety of human activity in the world-the human landscape. Geographic knowledge is vital to understanding national and international issues that dominate daily news reports. This course examines the relevance of geographic methods and concepts to such social science topics as agricultural patterns and practices, ethnic traditions and conflicts, gender, health, migration, political economy, poverty, religion, resource utilization, social change, and urban planning.

Course credits: 1

ANTH 132 - Anthropological Research Methods

Upper Division

Prerequisites

Students must be in their senior year or receive permission of instructor to enroll.

This course is Part II of the capstone course sequence for anthropology majors. Students master specific qualitative and quantitative methodologies that are utilized in the completion of an original research project.

Course credits: 1

ANTH 134 - Issues in Globalization

Upper Division

Globalization, which can be characterized as the increased speed and frequency by which commodities, people, ideologies, cultural productions and capital cross national borders, has reorganized the world in fundamental ways not seen since the Industrial Revolution. This class examines the numerous issues and problems that stem from globalization, including transnational migration, food policy, and gender relations. Through reading ethnographies about different world regions, students will explore the changing shape of local cultures in relation to larger processes of globalization, and analyze such issues as cultural imperialism, cultural homogenization, and resistance.

Repeatable

May be repeated as content varies.

Course credits: 1

ANTH 135 - Special Topics

Upper Division

Special topics in anthropology include such issues as criminology, sexuality, international terrorism, and popular culture.

Repeatable

May be repeated as content varies.

Course credits: 1

ANTH 136 - Applied Anthropology

Upper Division

Anthropologists increasingly are employed in a variety of jobs outside of academia. Applied anthropology involves the practical application of anthropological theory and methods to such areas as business, the environment, medicine, education, social and economic development, and the preservation of cultural heritage. This course introduces students to the methods, theories, and roles anthropologists have in the workplace, including issues of ethics, analysis and report writing, enabling students to use their anthropological training in their post-baccalaureate careers.

Course credits: 1

ANTH 195 - Special Study Internship

Upper Division

Prerequisites

Sponsorship by an anthropology faculty member and approval of the department chair is required.

This course is usually taken by upper-division students who wish to complete their education with related work experience, and is maintaining at least a C average. In addition to work experience, outside research and a term project are usually required.

Course credits: Credit may vary

ANTH 196 - Senior Thesis

Upper Division

Honor students undertake individual research, culminating in the senior project and a presentation.

Additional Notes

This course should be taken in the senior year.

Course credits: 1

ANTH 197 - Independent Study

Upper Division

Prerequisites

Permission of instructor and department chair required.

An independent study or research course for students whose needs go beyond the regular courses in the curriculum.

Course credits: Credit may vary

ANTH 199 - Special Study: Honors

Upper Division

Prerequisites

Approval of the department chair is required.

This course is only available to upper-division majors with a B average or higher, and entails independent study or research under the supervision of an anthropology faculty member.

Course credits: Credit may vary

Art - Lower Division

ART 001 - Studio Art

Lower Division

This course introduces beginning students to the processes of art practice. The class engages students in a self-selected project-based workflow, accompanied by creative research in both academic and artistic environments. It is important to emphasize that this course is not vocational in that it does not aim to teach specific skill sets, rather to introduce students to the processes of artists, ranging from experimentation with materials, to critique, through to research into subject areas and/or artworks/artists relevant to the student's concentration. The class functions as a laboratory for experimentation with multi-media work, collaboration and documentation.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered every term.

Fee

\$60

Course credits: 1

ART 003 - Basic Design

Lower Division

This course introduces students to the fundamental principles of design underlying a wide variety of visual art forms. Topics will include composition, design principles, layout, color and light theory, and typography as applied to two-dimensional formats. Techniques will be contextualized by relevant discussions of psychology and politics, rooted in the study of representative examples and project work.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered every other year.

Fee

\$60

Course credits: 1

ART 004 - Basic Photography

Lower Division

This course provides an introduction to the art of digital photography, production techniques and theory. Students will study the expressive power of light, composition, contrast, depth, angles, patterns, texture and subject matter. Technical skills will include digital input from scanning (flatbed and slide/negative), digital cameras, video and internet sources, and output to digital printing systems. Computer-assisted manipulation of imagery will be explored for correction and abstraction.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered every term.

Fee

\$70

Course credits: 1

ART 055 - Digital Art: Photo, Video and Sound

Lower Division

This introductory course investigates the digital editing tools, processes and concepts through which digital technology extends traditional and conceptual 2d and time-based art practices. Students will develop digital imaging, video and sound projects using current industry software. The course will combine extensive software demonstrations, hands-on exercises, theoretical and technical readings, discussion of a broad range of examples of media art and group critiques.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered in Spring and Summer.

Fee

\$60

Course credits: 1

ART 065 - Web Design and Interactive Art

Lower Division

This course introduces the digital editing tools, processes and concepts of web design and interactive art. Students will study web layout and interface design principles, color theory, typography, information architecture and other topics that will prepare them to produce compelling website design. The theory of interactive design and new media will help contextualize student work and broaden the creative possibilities for the use of interactive structures for the purposes of artistic expression. Students will develop projects using Adobe Creative Suite software.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered in Spring term.

Fee

\$60

Course credits: 1

ART 070 - Printmaking

Lower Division

An introduction to the medium of printmaking, this class explores the processes of monoprint, linoleum and other, non-traditional techniques. The course examines the use of tools, techniques, and machinery used in printmaking for their application to the students' images and ideas. This project-based course highlights the relationship between creativity and communication in printing, often using political or social justice themes. Through class presentations, students learn the communicative potential of images and thereby become aware of their own ability to provide creative critique of any issue they choose.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered in Fall term.

Fee
\$60

Course credits: 1

ART 090 - Special Topics in Art Practice

Lower Division

Prerequisites

This class is open to all interested students without prerequisite, though prior completion of at least one lower-division studio class is recommended.

The medium and materials vary from semester to semester and may include photography, photojournalism, video, installation art, site-specific and public projects, digital media, textiles and soft sculpture. Student assessment and evaluation are accomplished through group critiques, class discussions, peer and self- evaluations, short writings on art, and sketchbook and portfolio reviews.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated as content varies.

Course credits: 1

Art - Upper Division

ART 101 - Advanced Drawing

Upper Division

Since the Renaissance, artists have looked for ways to depict the world around them in a more realistic way. In this century, some artists have sought another kind of artistic clarity, reaching into the subconscious to explore an uncharted, inner world. If drawing is visual thought, this course aims to expand thinking through the study and application of many graphic methods such as frottage, transfer, automatism, blind drawing, collaboration and chance procedures. Different versions of this course focus on traditional or digital drawing, including basics of line drawing, digital coloring and basic animation skills.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis), CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered every other term.

Repeatable

May be repeated as content varies.

Fee
\$60

Course credits: 1

ART 102 - Advanced Painting

Upper Division

Prerequisites

There are no Art pre-requisites, but enrolling students should have some experience with painting-either directly or through art history courses.

Continuing study of painting methods in a variety of traditional and nontraditional materials and techniques. This course offers students the opportunity to develop their own ability and knowledge of painting techniques, and to focus upon a self-selected painting project. The course challenges students' ability to develop a self-directed project that addresses both the conceptual and practical aspects of contemporary painting and emphasizes the development of personal issues in their work. Through homework assignments, in-class lectures and conferences with the instructor, students will gain a better understanding of the state of the contemporary art scene, which in turn will aid their own creative practice. Students will use this knowledge to engage in critique. Students are encouraged to keep current through readings and attending art lectures and exhibitions and will be required to visit museums and galleries in the Bay Area.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered every other term.

Fee

\$60

Course credits: 1

ART 104 - Advanced Photography

Upper Division

Continuing study of digital photography production and post-production. This course supports the advanced photography student in conceptualizing and developing their own artistic voice through series production and experimentation. Student will explore studio and field practices, digital printing and exhibition formatting.

Term Offered

Course offered in conjunction with ART 004 every term.

Fee

\$60

Course credits: 1

ART 155 - Experimental Film/Video

Upper Division

This course investigates experimental film and video production using digital and traditional tools. Student projects will explore a variety of nonlinear modes of film/video production, such as oscillating, looping, recombinant and remediated structures, as well as a variety of input and sourcing methods ranging from current and antiquated video camera technologies to internet archives and found footage resources. Students will use digital editing software to expressively assemble and manipulate their materials into finished results. Readings and representative examples from the rich history of experimental film and video will help students contextualize their own work.

Core Curriculum Designation(s)

AA - Artistic Understanding (Artistic Analysis), CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered every other term.

Fee

\$60

Course credits: 1

ART 165 - Experimental Interactive Media

Upper Division

As traditional web design utilizes interactivity in its merely pragmatic navigational function, students in this course will design and produce experimental web-based interfaces and architectures in which the interactive components become the focus of artistic and poetic expression. Theories of new media and net art will provide critical context for project work. Students will work individually and collaboratively, while producing projects designed for Internet as well as installation formats.

Term Offered

Offered every other year.

Fee

\$60

Course credits: 1

ART 175 - Interdisciplinary Arts

Upper Division

This course enables students to explore interdisciplinary art production. Students will work on projects that combine visual art with other disciplines such as theater, music, literature and dance. The course's interdisciplinary focus will vary from term to term.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered every other year.

Repeatable

May be repeated as content varies.

Fee

\$60

Course credits: 1

ART 193 - Student Gallery Team**Upper Division**

This course provides direct experience in gallery curation and installation. Under faculty supervision, students in this course manage the exhibitions in the student art gallery, (Gallery 160) and the online Liquid Gallery.

Fee

\$20

Additional Notes

Currently offered as independent study (ART 197) or internship (ART 193). Please contact Department Chair with questions.

Course credits: 0.5

ART 194 - Special Topics in Art**Upper Division**

The topic of this course varies from semester to semester. Each course focuses on a different area of study within art practice.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Repeatable

May be repeated as content varies.

Fee

\$60

Course credits: 1

ART 195 - Academic Internship**Upper Division****Prerequisites**

Permission of instructor and department chair required.

Work-practice program conducted in an appropriate art- related internship position. Normally open to junior and senior art practice majors.

Repeatable

May be repeated as content varies.

Cross-Listing

Cross-listed with: AH 195

Course credits: 0.5

ART 196 - Capstone Project**Upper Division****Prerequisites**

Permission of instructor and department chair required.

As a capstone to their studies, seniors in art practice are required to complete a thesis project, typically an exhibition of a coherent body of original artwork. This course is limited to art practice majors.

Term Offered

Course offered in Fall term.

Fee

\$20

Course credits: 1

ART 197 - Independent Study**Upper Division****Prerequisites**

Permission of instructor and department chair required.

An independent study for students whose needs are not met by the regular course offerings of the department.

Term Offered

Course available every term in consultation with supervising professor.

Course credits: Credit may vary

ART 198 - Portfolio in Art Practice**Upper Division**

The capstone assessment course allows students to track the development of their major or minor. Art practice requires that all majors and minors submit a portfolio of artwork and writings at the end of their SMC career. This portfolio includes a listing of their completed coursework in the discipline, representative samples of their artwork, assessment of field experiences (exhibits, internships, curation), an artist statement, samples of other relevant art-related writings and a self-evaluative essay.

Term Offered

Course offered in Spring term.

Fee

\$60

Course credits: 0.25

ART 199 - Special Study Honors

Upper Division

Prerequisites

Permission of instructor and department chair required.

Directed project under the supervision of a department faculty member, culminating in the production of an honors-level art project.

Course credits: 1

Art Theory and Criticism - Lower Division

Curriculum from within the Art & Art History Department

ATC 080 - Art Theory

Lower Division

This course introduces students to the conceptual terrain of the 20th & 21st century critical theory and its relationship to artistic practice. The class will proceed via seminar format based on close readings of seminal texts and will traverse a broad array of interdisciplinary topics and critical approaches ranging from psychoanalysis and philosophy to anthropology and political economy. Assignments will include research and creative projects. Students majoring in art as well as other fields are equally encouraged to enroll.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice); WID - Writing in the Disciplines

Term Offered

(Course offered in Fall term.)

Fee

\$60

Course credits: 1

Art Theory and Criticism - Upper Division

ATC 111 - Philosophy of New Media Art

Upper Division

This course examines the historical, philosophical and socio-political basis of contemporary new media art. We read theoretical and historical statements that articulate the concepts driving new media art production, coupled with studying examples of representative work, including photography, experimental film and video, installation and net art. Project assignments integrate a critical and creative exploration of concepts.

Term Offered

(Course offered every other year.)

Fee

\$20

Course credits: 1

ATC 117 - Art Criticism, 1900-the Present**Upper Division**

This course is an exploration of the history of critical writing about art. A broad sampling of 20th century texts from art historians, critics, philosophers, social scientists and artists are brought together for discussion and reflection.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

(Course offered every other year.)

Fee

\$20

Course credits: 1

ATC 118 - Art Since 1930**Upper Division**

This course focuses on the major stylistic movements in Europe and the United States from the Great Depression to the Digital Age. Topics covered include existentialism, the Beat Generation, pop art, politics and postmodernism, and art in cyberspace. Students are encouraged to develop an understanding of the trends and debates in contemporary art.

Term Offered

(Course offered every other year.)

Fee

\$20

Course credits: 1

ATC 166 - Issues in Twentieth-Century Art**Upper Division**

This course, for students who have taken at least one art history course, examines the history of avant-garde art movements in the 20th Century. This course provides students with a focused study of specific types of innovative, modern art. Topics include: Art and Social Change and Art between the Wars.

Term Offered

(Course offered every other year.)

Fee

\$20

Course credits: 1

ATC 180 - Seminar in Theory & Practice of Art

Upper Division

Prerequisites

ATC 080.

Advanced study in critical theory and its relation to art practice. Variable topics may include psychoanalysis, semiotics, poststructuralism, cultural studies and Frankfurt School, to name a few. Assignments will integrate critical and creative process as a form of artistic "praxis." The course may be repeated for credit as content varies.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Term Offered

(Course offered in Spring term, every other year.)

Fee

\$60

Course credits: 1

ATC 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: 1

ATC 196 - Capstone Project

Upper Division

Art Theory & Criticism majors are required to complete a thesis project as a capstone to their studies. This project typically entails the writing of a work of art history or criticism, or the curating and production of an art exhibition. This course provides the time and credit for students to pursue their capstone project under the supervision of a department faculty member. The course is limited to upper division students in the major, minor, and split majors.

Course credits: 1

ATC 197 - Independent Study

Upper Division

Prerequisites

Permission of instructor and department chair required.

An independent study for students whose needs are not met by the regular course offerings of the department.

Course credits: Credit may vary

ATC 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair is required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: 1

Biology - Lower Division

BIOL 001 - Introduction to Cell Biology, Molecular Biology and Biochemistry

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 001L.

Prerequisites

CHEM 008 and CHEM 009 (lab), with grades of C- or better.

Biology 1 is part of an introductory set of courses designed for biology majors and others requiring a rigorous treatment of the subject. It is designed to prepare students for in-depth, upper-division work in areas related to cell biology, molecular biology, biochemistry and genetics. Required for all biology majors and prerequisite for ALL upper-division Biology courses.

Lecture and/or Lab Hours

Three hours of lecture per week.

Course credits: 1

BIOL 001L - Introductory Biology for Majors: Cell and Molecular Biology Laboratory

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 001.

Laboratory to accompany BIOL 001.

Lecture and/or Lab Hours

One laboratory per week for four hours.

Fee

Laboratory fee \$185 (includes lab manual).

Course credits: 0

BIOL 002 - Introductory Biology for Majors: Organisms and Evolution**Lower Division****Concurrently**

Must be enrolled concurrently in BIOL 002L.

Prerequisites

CHEM 008 and CHEM 009 (lab), with grades of C- or better.

Biology 2 is part of an introductory set of courses designed for biology majors and others requiring a rigorous introductory treatment of the subject. This course is a systematic introduction to all forms of life, covering all three domains: Bacteria, Archaea, and Eukarya. To account for life's unity and diversity, the guiding principle for the course is the concept of evolution. Through the study of the molecular evidence, morphology, physiology, development, and behavior of each type of organism, we provide a broad understanding of the evolutionary origins and phylogenetic relationships of all forms of life. Required for biology majors and prerequisite to ALL upper-division courses.

Lecture and/or Lab Hours

Three hours of lecture per week.

Course credits: 1

BIOL 002L - Organisms and Evolution Laboratory**Lower Division****Concurrently**

Must be enrolled concurrently in BIOL 002.

Laboratory to accompany BIOL 002.

Lecture and/or Lab Hours

One laboratory per week for four hours.

Fee

Laboratory fee \$185.

Course credits: 0

BIOL 005 - Concepts in Evolutionary Biology**Lower Division**

This question-oriented course designed for non-majors explores how science works through an examination of the concepts of the theory of evolution by natural selection, which is considered to be the unifying theme of the biological sciences.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Term Offered

Offered in alternate years.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 006 - Heredity and Society

Lower Division

An introduction to the basic concepts and technologies of genetics as they apply to humans, and the ethical issues that arise as a result of the application of those principles. Students will engage these areas through lectures, discussion, guest presenters, videos and hands-on laboratory experiences. Intended for students in any major regardless of background. Six hours of lecture, discussion, and laboratory per week.

Lecture and/or Lab Hours

Six hours of lecture, discussion, and laboratory per week.

Term Offered

Offered in alternate years.

Fee

Laboratory fee \$185 (includes reader).

Course credits: 1

BIOL 007 - Introduction to Biological Anthropology

Lower Division

Study of the variation and evolution of the human species and its place in nature. Molecular, Mendelian and population genetics serve as a basis to discussions of natural selection and how that affects biological and physiological adaptation. The emphasis of this course explores why we see broad variations among homo sapiens and how these variations affect humans in their life cycle, health and culture. Limited to anthropology majors or by consent of instructor.

Lecture and/or Lab Hours

Three lecture hours and one three-hour lab per week.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 010 - Introduction to Biology

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 011.

Study of the chemistry of life, the organization of cells and the molecular processes inside of cells. This course emphasizes the genetic basis of life and includes an introduction to biotechnology. Designed for Kinesiology students as a prerequisite for microbiology, human anatomy, and human physiology.

Lecture and/or Lab Hours

Three hours of lecture per week.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Course credits: 1

BIOL 011 - Introduction to Biology Laboratory

Lower Division

Concurrently

Must be concurrently enrolled in BIOL 010.

Laboratory to accompany BIOL 010. Includes techniques for studying organic molecules, cell biology and genetics.

Lecture and/or Lab Hours

One lab per week for three hours.

Fee

Laboratory fee \$185.

Course credits: 0

BIOL 012 - Human Nutrition

Lower Division

This course is an overview of human nutrition. Concepts from biology, chemistry, biochemistry, anatomy and physiology are used to describe the nutrients and their function in the body. Focus is on the physiological need for food and promotion of healthy eating practices as they relate to optimum body function and disease prevention.

Course credits: 1

BIOL 013 - Human Anatomy for Kinesiology

Lower Division**Concurrently**

Must be enrolled concurrently in BIOL 014.

Prerequisites

Limited to majors in kinesiology or by consent of instructor. BIOL 010, BIOL 011 (lab) and CHEM 002, CHEM 003 (lab) with a grade of C- or better in both courses.

Study of the gross and microscopic structure of the human body. This course emphasizes the structural relationships and functional aspects of gross anatomy, proceeds from the cell to tissues to organs. A strong high school science background is recommended.

Lecture and/or Lab Hours

Three hours of lecture per week.

Course credits: 1

BIOL 014 - Human Anatomy Laboratory**Lower Division****Concurrently**

Must be concurrently enrolled in BIOL 013.

Laboratory to accompany BIOL 013. Laboratory will be taught from virtual materials and models.

Lecture and/or Lab Hours

One three-hour lab per week.

Fee

Laboratory fee \$185.

Course credits: 0

BIOL 015 - Human Anatomy**Lower Division****Concurrently**

Must be enrolled concurrently in BIOL 016.

Prerequisites

Limited to majors in allied health science, biology, biochemistry, or by consent of instructor. CHEM 008 and CHEM 009 (lab), CHEM 010 and CHEM 011 (lab) with a grade of C- or better.

Study of the gross and microscopic structure of the human body. This course, emphasizing the structural relationships and functional aspects of gross anatomy, proceeds from the cell to tissues to organs. A strong high school science background is recommended.

Lecture and/or Lab Hours

Three hours of lecture per week.

Repeatable

Limited to majors in allied health science, biology, biochemistry, or by consent of instructor. Prerequisites: CHEM 008 and CHEM 009 (lab), CHEM 010 and CHEM 011 (lab) with a grade of C- or better.

Course credits: 1

BIOL 016 - Human Anatomy Laboratory**Lower Division****Concurrently**

Must be enrolled concurrently in BIOL 015.

Laboratory to accompany BIOL 015. Laboratory will be taught from dissected human material, models and microscopic slides to allow students to learn from direct experience.

Lecture and/or Lab Hours

One three-hour lab per week.

Fee

Laboratory fee \$185.

Course credits: 0

BIOL 025 - Human Physiology**Lower Division****Concurrently**

Must be enrolled concurrently in BIOL 026.

Prerequisites

Limited to majors in allied health science, biology, biochemistry, kinesiology, or by consent of instructor. CHEM 008, CHEM 009 (lab); CHEM 010, CHEM 011 (lab) with a grade of C- or better; OR BIOL 010, BIOL 011 (lab) and CHEM 002, CHEM 003 (lab) with a grade of C- or better.

Study of the function of the major organs and organ systems of the human body. This course, emphasizing regulation and integration, proceeds from general cell function to an overview of the controlling mechanisms and finally to the individual systems. A strong high school science background is recommended.

Lecture and/or Lab Hours

Three hours of lecture per week.

Repeatable

Limited to majors in allied health science, biology, biochemistry, kinesiology, or by consent of instructor. Prerequisites: CHEM 008, CHEM 009 (lab); CHEM 010, CHEM 011 (lab) with a grade of C- or better; OR BIOL 010, BIOL 011 (lab) and CHEM 002, CHEM 003 (lab) with a grade of C- or better.

Course credits: 1

BIOL 026 - Human Physiology Laboratory

Lower Division**Concurrently**

Must be enrolled concurrently in BIOL 025.

Laboratory to accompany BIOL 025. The laboratory consists of experiments and demonstrations designed to incorporate principles of physiology.

Lecture and/or Lab Hours

One three-hour lab per week.

Fee

Laboratory fee \$185 (includes lab manual).

Course credits: 0

BIOL 034 - Protecting Biodiversity**Lower Division**

The primary goal of Biology 34 Protecting Biodiversity is to introduce students to basic concepts of evolution, ecology and conservation in the service of protecting planetary biodiversity. The course will often focus on California, and how the natural history, ecology and issues within our state relate to topics elsewhere in the US and abroad. The information contained in this course will provide some of the intellectual tools necessary to understand the worldwide environmental crisis we are living through and some possible solutions. Students will be expected to develop a deeper appreciation for the intricacy and beauty of natural systems. Attention will be placed on honing the student's general knowledge of the scientific method through the laboratory and in-class exercises.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 040 - Introductory Microbiology/Microbes**Lower Division****Concurrently**

Must be enrolled concurrently in BIOL 041.

Microbes are all around us. This course covers the biology of microbes including bacteria, viruses and fungi, with emphasis on the health impact of infectious diseases, vaccinations and antibiotic resistance. The use of microbes, both modified and unmodified, in biotechnology and food production are also covered. The importance of microorganisms in ecosystems ranging from lakes, oceans, soils and waste water treatment will also be explored.

Lecture and/or Lab Hours

3.25 hours of lecture per week.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Course credits: 1

BIOL 041 - Introductory Microbiology Laboratory

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 040.

Laboratory to accompany BIOL 040. Includes techniques for culture, isolation, characterization and identification of microorganisms.

Lecture and/or Lab Hours

One lab per week for three hours.

Fee

Laboratory fee \$185.

Course credits: 0

BIOL 050 - General Biology

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 051.

A one semester introduction to the basic principles and concepts of biological science. Designed for students not majoring in biology.

Lecture and/or Lab Hours

Three hours of lecture per week.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Course credits: 1

BIOL 051 - General Biology Laboratory

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 050.

Laboratory to accompany BIOL 050.

Lecture and/or Lab Hours

One lab per week for three hours.

Fee

Laboratory fee \$185.

Course credits: 0

BIOL 055 - Oceanography

Lower Division

An introductory course that examines the ocean world and its inhabitants. Topics include physical and chemical properties of sea water; tides and currents; geological principles; coastal and open ocean habitats; life in planktonic and benthic communities; coral reef, hydrothermal vent and mangrove ecosystems.

Lecture and/or Lab Hours

Three hours of lecture per week. One lab per week for three hours.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 080 - Human Biology

Lower Division

This is a course to connect basic biology concepts using the human as an illustrative example. Basic scientific processes and the concepts of human biology will be explored through lecture and laboratory exercises. Topics will include science and society, the chemistry of living things, structure and function of cells, genetics, anatomy and physiology of the organ systems, reproduction, cancer, aging, evolution, human impacts and environmental issues. Open to all students interested in discovering the scientific process and the concepts of human biology.

Lecture and/or Lab Hours

One three-hour lab per week.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Course credits: 1

BIOL 081 - Human Biology Laboratory

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 080.

Laboratory to accompany BIOL 080.

Lecture and/or Lab Hours

One lab per week for three hours.

Fee

Laboratory fee \$185.

Course credits: 0

BIOL 088 - Biology of Women

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 089.

Biology of Women is an introduction to the structure, physiology and genetics of women across the life span. The first half of the course will explore the genetic, hormonal and developmental basis of gender. We will study physiology and development from conception, through puberty, pregnancy and aging. The latter part of the course will deal with specific health concerns of women and focus on predominantly or uniquely gender- related illnesses and their physiologic basis. The laboratory is intended to demonstrate the varied processes of science and the scientific method using women's biology as the basic subject material. Open to men and women.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Course credits: 1

BIOL 089 - Biology of Women Laboratory

Lower Division

Concurrently

Must be enrolled concurrently in BIOL 088.

Laboratory to accompany BIOL 088.

Lecture and/or Lab Hours

One lab per week for three hours.

Fee

Laboratory fee \$185.

Course credits: 0

Biology - Upper Division

Each upper-division course has prerequisites of BIOL 001, BIOL 001L and BIOL 002, BIOL 002L with a grade of C- or better in each of these prerequisites.

BIOL 100 - Comparative Vertebrate Anatomy

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

The course examines vertebrate form and function through the topics of vertebrate evolution, functional morphology and development, along with the study of soft tissues, organ systems and skin.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 102 - Developmental Biology and Embryology

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

This course explores the processes during embryonic development of animals, including fertilization, establishment of a body plan, organ and organ system development. The topics will be examined with an emphasis on mechanisms controlling cell differentiation and morphogenesis.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Term Offered

Offered in alternate years.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 105 - Genetics

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

This course examines the principles of inheritance in animals, plants and microbes. Topics include classical Mendelian genetics and inheritance patterns, molecular understanding of DNA, RNA and information flow, and comparative genomics. These concepts are applied to the impact of genetics on the evolution of populations and the usage of genetics in medicine and technology.

Lecture and/or Lab Hours

3.25 hours per week of lecture and one lab per week for 4 hours.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 110 - Parasitism and Symbiology

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

A comprehensive course in parasitology, focusing on the many facets of symbiosis common to every level of biology. It embraces the three basic types of intimate interrelationship between different species of organisms: parasitism, mutualism and commensalism. This course examines an array of interactions in all three types of interrelationships, at many levels of interdependency. All five kingdoms, from bacteria, protozoa and fungi to plants and animals, are studied.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 113 - Aquatic/Marine Biology

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

This course examines aquatic habits (freshwater and marine) around the world with a particular focus on California. Topics include the physical, chemical, biological and ecological processes that create, shape and transform aquatic habitats. In addition students will learn how to study these systems as well as learn to identify major groups of freshwater invertebrates within the systems.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Term Offered

Offered in alternate years.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 115 - Theory of Evolution

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

Historical development of evolutionary theories. Modern concepts concerning the process of organic evolution, including population genetics, natural selection and the origin of species. Topics on macroevolution, including

adaptation and extinction.

Lecture and/or Lab Hours

Three hours of lecture per week.

Course credits: 1

BIOL 116 - History and Philosophy of Biology

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

Development of the major concepts of biology from antiquity to the modern era, with a consideration of what these developmental sequences show about the nature of the scientific process.

Lecture and/or Lab Hours

Three hours of lecture per week.

Course credits: 1

BIOL 119 - Research Design and Biostatistics

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

Principles of experimental design, sampling methodologies, data collection and statistical analysis are discussed, along with practical applications of these areas in biological experimentation. Course includes the use of computers. *This course may simultaneously satisfy both an upper-division Biology elective and the second Math course requirement for Biology majors.*

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 120 - Vertebrate Zoology

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

Advanced study of the vertebrates, with attention to phylogeny, morphology and natural history of the major vertebrate groups. Laboratory and field work emphasize taxonomy of local forms, methods of study and special projects.

Lecture and/or Lab Hours

Three lecture hours and one lab / field period per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 122 - Comparative Animal Physiology**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

The functions of the major organ systems of vertebrate and invertebrate animals. Emphasis on general principles of function as exemplified in the major animal phyla.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 125 - General Ecology**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

This course examines the science of ecology, why it is important, and how it is practiced with a particular focus on California. Topics include physiological, population, community, and ecosystems ecology. The course is designed to encourage students to think about ecological theories and their application to real world situations. The lecture material and the lab require students to employ quantitative methods (i.e., math and statistics). Upon completion of the course, students will have a rich appreciation for the way organisms and their environment interact and shape each other as well as the interconnectedness of nature.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Term Offered

Offered every semester.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 127 - Systemic Physiology

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

Fundamental principles of general mammalian physiology combined with physiology of organ systems, including integrative and homeostatic mechanisms. Emphasis is on human physiology with examples taken from mammalian systems. Application of these principles to interpretation of disease is included. Laboratory includes human and mammalian experiments with emphasis on instrumentation and interpretation of results.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 128 - Advanced Human Anatomy

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

Study of the anatomy of the human body. This course is taught through a regional approach, emphasizing the structural relationships and functional aspects of gross anatomy, histology and embryology. References to the evolution of anatomic structure will be included. Extensive out of class dissections will be expected. This course is limited to Biology and Biochemistry majors.

Fee

Laboratory fee \$185.

Additional Notes

Note: Students who have taken BIOL 015, BIOL 016 are not eligible to take BIOL 128.

Course credits: 1

BIOL 130 - Microbiology

Upper Division

Prerequisites

BIOL 001 and BIOL 001L, BIOL 002 and BIOL 002L; and either BIOL 105/105L or BIOL 137/137L. Concurrent registration in either BIOL 105/105L or BIOL 137/137L will be allowed.

An introduction to the growth, metabolism and genetics of microorganisms, with focus on bacteria and viruses. The application of fundamental knowledge about these organisms to ecosystems, biotechnology and infectious diseases is included. Laboratory involves the application of sterile technique to the study of taxonomy, physiology and genetics of bacteria and viruses.

Lecture and/or Lab Hours

3.25 hours of lecture and one 4 hour lab per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 132 - Cell Biology**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

This course is designed to study selected areas of current interest in cell biology. Topics include fundamentals of cell structure, membrane structure and function, signal transduction and application to principles of cell biology to various processes such as embryonic development etc., and systems such as nervous system and immune system. Choice of topic varies. Emphasis is placed on experimental methods and answering the question "How do we know what we know?" Lab includes extensive exposure to cell culture methods.

Lecture and/or Lab Hours

Three hours of lecture and one four hour lab per week.

Term Offered

Offered in alternate years.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 135 - Biochemistry**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L, and CHEM 104 and CHEM 106.

An introduction to protein, lipid and carbohydrate structure and function, metabolism of proteins, lipids, and carbohydrates and coordination of biochemical processes for normal functioning of the body. Consideration is given to the properties of enzymes and enzyme catalyzed reactions in the cell. Applications to human function, disease and diet are included.

Lecture and/or Lab Hours

Three hours of lecture and one lab per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 137 - Molecular Biology

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

An introduction to the structure and function of the genetic apparatus. This course is a study of what genes are and how they operate, and includes recent discoveries in the areas of DNA, RNA and protein synthesis in both prokaryotes and eukaryotes. Laboratory includes both discussion and practice of techniques used in genetic engineering.

Lecture and/or Lab Hours

Three hours of lecture and one four hour lab per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 139 - Immunology

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

An introduction to the immune system: its components, how it functions, how it is regulated and how it is protective. The immune response and our ability to react to such a diversity of molecules with specificity are discussed in detail. In addition, the immunologic basis for tissue /organ transplant rejection, disease prevention vaccines and cancer immunotherapy are presented.

Lecture and/or Lab Hours

Three hours of lecture and one lab period per week.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 142 - California Flora and Communities

Upper Division

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L or by permission of instructor.

Survey of selected plant communities of California. Includes a dual emphasis on field recognition of important plant families and genera of these communities and an understanding of the relationship of the component species to their environment.

Lecture and/or Lab Hours

Labs are five weekend field trips.

Term Offered

Offered in alternate years.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 144 - General Botany**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

The study of plant biology at an advanced level, including topics in the structure and development, reproductive patterns, taxonomy, identification, phylogeny, and distribution of major plant groups.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Term Offered

Offered in alternate years.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 146 - Plant Ecophysiology**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L.

The functional aspects of plant life and the relation of plants to their physical, chemical and biological environment. Emphasis on the vascular plants.

Lecture and/or Lab Hours

Three lecture hours and one lab/field period per week.

Term Offered

Offered intermittently.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 152 - Conservation Science**Upper Division**

Prerequisites

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L; or permission of instructor.

Conservation biology is a field of biological science that draws upon the principles of ecology, genetics and evolution in an effort to understand the patterns and processes underlying the biological diversity of our planet. The course examines the current status of our scientific understanding of biodiversity, threats to biodiversity resulting from human activities, and strategies to conserve and restore the integrity of the earth's biological systems. Course activities include case studies, computer modeling and field trips.

Lecture and/or Lab Hours

Three hours of lecture and one lab/field period per week.

Term Offered

Offered in alternate years.

Fee

Laboratory fee \$185.

Course credits: 1

BIOL 192 - Special Topics in Organismal Biology**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L; some topics may need additional prerequisites.

These are courses designed to explore specific areas within Organismal Biology. The courses offered in this area include topics such as Stem Cell Biology, Pathophysiology, Neurobiology, etc.

Course credits: 1

BIOL 193 - Special Topics in Cellular and Molecular Biology**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L; some topics may need additional prerequisites.

These courses are designed to explore specific areas within Cellular and Molecular Biology. The courses offered in this area include topics such as Virology, Metabolic Biochemistry, etc.

Course credits: 1

BIOL 194 - Special Topics in Evolution and Ecology**Upper Division****Prerequisites**

BIOL 001, BIOL 001L and BIOL 002, BIOL 002L; some topics may need additional prerequisites.

These courses are designed to explore specific topics within Evolutionary Biology and Ecology. The courses offered in

this area include topics such as Animal Behavior, Biology of Fishes, Primate Adaptation and Evolution, etc.

Course credits: 1

BIOL 195 - Internship in Biology

Upper Division

Work practice program in the field of Biology. This course is developed in close consultation with a Biology faculty member. Permission of instructor and department chair required. This course will count as a non-lab upper division elective for Biology majors.

Course credits: 1

BIOL 197 - Special Study

Upper Division

Prerequisites

Permission of the instructor and the department chair required.

An independent study or literature-based research course for students whose needs are not met by courses available in the regular offerings of the department. Permission of the instructor and the department chair required. This course will count as a non-lab upper division elective for Biology majors.

Course credits: Credit may vary, but only 1.0 credit courses count as electives for Biology majors.

BIOL 198 - Field/Laboratory Research in Biology

Upper Division

An independent research course that allows students to work on a field or laboratory research project with a faculty mentor. Permission of instructor and department chair required. This course will count as an upper division elective with lab for Biology majors.

Fee

Laboratory fee \$185.

Course credits: Credit may vary, but only 1.0 credit courses count as electives for Biology majors.

BIOL 199 - Special Study - Honors

Upper Division

Prerequisites

Permission of instructor and department chair required.

An independent study or literature-based research course for upper-division majors with a B average in biology. Permission of instructor and department chair required. This course will count as a non-lab upper division elective for Biology majors.

Course credits: Credit may vary, but only 1.0 credit courses count as electives for Biology majors.

Biochemistry - Upper Division

BIOCHEM 101 - Structural and Physical Biochemistry

Upper Division

Prerequisites

BIOL 001 and CHEM 106.

An in-depth introduction to biochemical principles with an emphasis on macromolecular structures and biophysical techniques.

Lecture and/or Lab Hours

Three lectures and one lab per week.

Term Offered

Offered every year, fall semester.

Fee

Laboratory fee required.

Additional Notes

Students may not receive credit for both BIOCHEM 101 and BIOL 135.

Course credits: 1

BIOCHEM 102 - Metabolic Biochemistry

Upper Division

Prerequisites

BIOCHEM 101

This course provides an in-depth introduction to the fundamentals of metabolic biochemistry at a cellular and organismal level. This course will explore metabolic pathways underlying carbohydrate, protein and lipid metabolism, with an emphasis on regulatory mechanisms that control metabolic flux and integration of metabolic pathways for normal function of the human body.

Lecture and/or Lab Hours

Three lectures and one lab per week.

Term Offered

Offered every year, spring semester.

Fee

Laboratory fee required.

Course credits: 1

BIOCHEM 197 - Special Study

Upper Division

Prerequisites

Consent of the faculty advisor.

Independent research in biochemistry, under the direction of a faculty advisor. Results from the research project will be summarized in the form of a written thesis and an oral or poster presentation. Students should contact potential faculty advisors directly.

Term Offered

Offered as needed.

Course credits: 1

BIOCHEM 199 - Special Study - Honors

Upper Division

Prerequisites

Senior standing, a 3.0 GPA (minimum) in biochemistry coursework, and the consent of the faculty advisor.

Independent research in biochemistry, under the direction of a faculty advisor. Results from the research project will be summarized in the form of a written thesis and an oral or poster presentation.

Term Offered

Offered as needed.

Course credits: 1

Business Administration - Lower Division

BUSAD 010 - Global Perspectives in Business and Society

Lower Division

An introduction to business and society from a global perspective. The course includes the political, socio-cultural, economic, and ecological dimensions of globalization. It also addresses various perspectives on what constitutes a moral economy and how business can contribute to a just global society.

Core Curriculum Designation(s)

GP - Global Perspectives

Term Offered

Every semester

Additional Notes

This course should be taken in the first year and is not available to juniors and seniors.

Course credits: 1

BUSAD 014 - Spreadsheet Essentials

Lower Division

This .50 credit elective course is designed to give the students the basic tools to use Microsoft Excel or a comparable spreadsheet management solution (like Openoffice Calc or Google Sheets). In the modern day business world, spreadsheet programs, and primarily Excel, are used as one of the critical ways of sharing, analyzing and displaying data among co-workers, in business-to-business or business-to-client communications. Excel is also a critical tool in a number of lower- and upper-division courses offered by the Accounting, Business Administration and Economics programs. Completing this course will enable the students to perform better both in the classroom and in the business world.

Course credits: 0.5

BUSAD 040 - Business Statistics

Lower Division

An introduction to statistical concepts used to assist in making decisions under conditions of uncertainty. Topics include the collection and analysis of data, probability and probability distributions, hypothesis testing, linear regression, and correlation.

Term Offered

Every semester

Additional Notes

This course may not be taken for credit in addition to MATH 004 or PSYCH 003.

Course credits: 1

Business Administration - Upper Division

BUSAD 108 - Interfaith Leadership in Business and the Professions

Upper Division

Prerequisites

ENGL 004 and ENGL 005 and any one Seminar (for transfer students, a seminar-style course), or permission of the instructor.

This course joins leadership theory, religious literacy, overcoming bias, and communication methods, and applies them to business and professional settings, primarily in the U.S. However, global implications are also addressed. Students develop knowledge, values, and skills to lead inclusively and effectively in religiously diverse environments to further business and professional goals, while fostering interreligious understanding and cooperation, and in so doing contributing to the societal common good.

Core Curriculum Designation(s)

TCG - The Common Good; AD - American Diversity; CE - Community Engagement

Term Offered

Fall

Course credits: 1

BUSAD 110 - Entrepreneurship

Upper Division

Prerequisites

Lower-division common business core courses and the core curriculum math requirement.

An introduction to the concepts, tools, strategies, and practices of the entrepreneurship processes for both a start-up business as well as a Strategic Business Unit in an existing company. Topics include identifying new venture opportunities, idea generation, innovation, new product/service development, industry research, competitive analysis, legal and regulatory requirements for new ventures, and business and marketing plan development. Examination of the changing business environment is emphasized to allow students to understand the need to make strategic adjustments to their business model on a continuing basis.

Term Offered

Fall

Course credits: 1

BUSAD 111 - New Venture Financing

Upper Division

Prerequisites

Lower-division common business core courses, the core curriculum math requirement, and BUSAD 123.

The study of raising capital for new ventures involving start-up businesses, financing a strategic unit or project within an existing company, and solving financial problems unique to small- and medium-sized firms undergoing rapid growth. Topics for this course include raising seed capital from venture capital, business angels, investment banking, and commercial banking sources; legal and regulatory issues that arise in new venture financing; exit strategies and financial modeling to determine the financial health of companies and strategies for their growth.

Term Offered

Every semester

Course credits: 1

BUSAD 112 - Small Business Management

Upper Division

Prerequisites

Lower-division common business core courses and, the core curriculum math requirement.

An examination of small business practices and strategies in both private and public companies. Topics include employee motivation, green marketing, franchising, e-commerce, and technology. Other issues incorporated into the course are managing diversity in the work place, team development, managing change in the face of global competition, relevant financial statements, and legal matters relating to small business (e.g., contracts and business forms). Continuous improvement methods to meet the changing demands of customers as well as information technology to increase efficiency are also addressed.

Term Offered

Spring

Additional Notes

This course is not available to first-years.

Course credits: 1

BUSAD 113 - Business in the Digital Age**Upper Division****Prerequisites**

Lower-division common business core courses, the core curriculum math requirement, and BUSAD 124.

An examination of the impact on business of digital technologies and the use of digital technologies in corporate communication and on-line marketing. Specific topics may include the impact of globalization, collaboration tools (e.g., web-conferencing and other real-time and asynchronous options for joint work), virtual corporate environments, professional networking and social media, mobile applications, online advertising, and e-commerce, as well as performance metrics. Because the rate of change in digital technology and its use in business is high, a part of the course will be reserved for mapping emerging technologies. Students will learn the application of many of these tools through hands-on experience.

Term Offered

Every Semester

Course credits: 1

BUSAD 120 - Business Law**Upper Division****Prerequisites**

ACCTG 001, ECON 003

This course provides students with an understanding of common legal topics relevant to business, including contracts, business torts, business crimes, business forms (e.g., partnerships and corporations), securities law, lending and secured transactions.

Term Offered

Every Semester

Additional Notes

This course is not available to first-years.

Course credits: 1

BUSAD 121 - Advanced Legal Topics in Business**Upper Division****Prerequisites**

BUSAD 120.

This course addresses the regulatory environment of business, including a discussion of applicable regulatory agencies, securities and capital market regulation, anti-trust and fair competition regulation, consumer protection, environmental protection, labor and employment law, intellectual property, international law, and related topics.

Additional Notes

This course is not available to first-years.

Course credits: 1

BUSAD 123 - Financial Management

Upper Division

Prerequisites

Lower division common business core courses and the core curriculum math requirement.

An introduction to the principles of corporate finance and their application in business today, focusing on the measurement and creation of value in a corporation. Topics include: financial markets, present value analysis, the theory of risk and return, portfolio theory, asset pricing models, cost of capital, capital budgeting, capital structure, and value based management.

Term Offered

Every Semester

Additional Notes

This course is not available to first-years or sophomores.

Course credits: 1

BUSAD 124 - Marketing

Upper Division

Prerequisites

Lower division common business core courses, except ACCTG 002, and the core curriculum math requirement.

The study of the major areas of marketing decision-making that confront organizations. Topics include the utilization of marketing information systems as well as the formulation and implementation of integrated product, pricing, distribution and promotion strategies.

Term Offered

Every Semester

Additional Notes

This course is not available to first-years.

Course credits: 1

BUSAD 126 - Applied Marketing Research

Upper Division

Prerequisites

BUSAD 124.

A detailed overview of marketing research, strategic marketing planning and the development of fully integrated marketing programs. Topics include: market analysis, marketing mix strategies, product positioning, market segmentation, and related social and ethical issues.

Core Curriculum Designation(s)

CE - Community Engagement

Term Offered

Every Semester

Additional Notes

This course is not available to first-years or sophomores.

Course credits: 1

BUSAD 127 - Business Communication**Upper Division****Prerequisites**

ENGL 004 and ENGL 005.

This course covers the kinds of communication students can expect in complex organizations with multiple audiences. Because business communication occurs in a competitive environment, course material will emphasize in-depth categorical editing, organizational strategies for informative and persuasive writing and speaking, and the construction and presentation of arguments.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Term Offered

Every Semester

Additional Notes

This course is not available to first-years.

Course credits: 1

BUSAD 128 - Consumer Behavior**Upper Division****Prerequisites**

Lower-division common business core courses, the core curriculum math requirement, and BUSAD 124.

This course begins by looking at the consumer on an individual level, through an examination of the intrapsychic components of consumer behavior. These include consumer perceptions, memory, motivation/values, attitudes and the individual decision-making process. It then moves on to address the interdependent aspects of consumer behavior by examining its social and cultural context, including: the influence of group members on decision making, differences between subcultures within North America, and the nature and importance of cultural differences in consumer behavior

around the world. In addition to a discussion of the basic principles of consumer behavior, emphasis will also be placed on critical evaluation of the supportive evidence, and the research methods used to investigate consumer behavior.

Term Offered

Every semester

Additional Notes

This course is not available to first-years or sophomores.

Course credits: 1

BUSAD 129 - Global Marketing

Upper Division

Prerequisites

Lower- division common business core courses, the core curriculum math requirement, and BUSAD 124.

An exploration of the international marketing environment and its impact on marketing practice. Topics include the benefits, risks, and complexities of marketing abroad with particular emphasis on multi-cultural aspects and their implications for market entry, global competitive strategies, and formulating suitable product, promotion, pricing and distribution strategies for international markets.

Term Offered

Every Semester

Additional Notes

This course is not available to first-years or sophomores.

Course credits: 1

BUSAD 131 - Managing and Leading in Organizations

Upper Division

Prerequisites

ENGL 004 and ENGL 005.

The study of what people do in organizations and how individuals, groups, and structure impact behavior within organizations, for the purpose of improving an organization's effectiveness. Topics include motivation, leadership, decision-making, power and influence, group and team dynamics, conflict resolution, organizational change, and managing across cultures.

Term Offered

Every Semester

Additional Notes

This course is not available to first-years.

Course credits: 1

BUSAD 132 - Global Operations Management

Upper Division

Prerequisites

Lower-division common business core courses and the core curriculum math requirement.

A study of the design and execution of the production or service system for providing products or services to meet demand. As efficiency barriers of time and space between companies are breaking down, operations function must adopt a global dimension to remain competitive. The course provides concepts and tools for evaluating and improving the operations of a firm. The specific topics include process analysis, waiting line analysis, quality management, project management, inventory management, and supply chain management.

Term Offered

Every Semester

Additional Notes

This course is not available to first-years.

Course credits: 1

BUSAD 135 - International Financial Management

Upper Division

Prerequisites

Lower-division common business core courses, the core curriculum math requirement, and BUSAD 123.

An examination of the principles and practices of the financing and investment decisions of multinational firms operating globally. Topics include foreign exchange markets, financial instruments in the international capital markets, corporate exchange risk management, international investment decisions, global financing strategies, financial crises, and related issues. As such, this course extends financial management and investment to the international environment.

Term Offered

Every Semester

Course credits: 1

BUSAD 136 - Investments

Upper Division

Prerequisites

BUSAD 040 or equivalent.

Description and analysis of the securities market (bonds, stocks, etc.) from the viewpoint of the private investor. The student is introduced to asset valuation theories as well as the basis of portfolio selection. Particular emphasis is placed on the trade-off between risk and return, both for the individual assets and in a portfolio context.

Term Offered

Every semester

Cross-Listing

Cross-listed with ECON 136

Course credits: 1

BUSAD 137 - Advanced Quantitative Methods

Upper Division

Prerequisites

Not available to freshmen or sophomores

A rigorous analytical course involving the study of the theories and practices of diverse quantitative methods and procedures that enable managers to judiciously use data in solving complex problems in finance, marketing, operations, and corporate strategy, and providing business analysts with a sound conceptual understanding of the role management science plays in the decision-making process. Students are introduced to advanced tools and techniques for quantitative analysis to support conclusions drawn from empirical evidence for effective decision-making under conditions of uncertainty. Topics may include multivariate statistical analysis, multiple linear and logistic regression modeling, time-series analysis, optimization, computer simulation, waiting line models, principal component, factor and cluster analysis, and multidimensional scaling.

Term Offered

Every semester

Additional Notes

This course is not available to first-years or sophomores.

Course credits: 1

BUSAD 138 - Business Intelligence and Visualization

Upper Division

Prerequisites

Lower-division common business core courses and MATH 027 or MATH 013/MATH 014.

This course prepares students to develop systems to measure, monitor and predict the evolution of key enterprise variables and performance indicators and present them in the form of usable information supporting the business decision-making process. Students also learn techniques to present analytical results visually and communicate the business insights revealed by analytics effectively. Topics include data warehousing, business reporting and performance management, visual querying, and dashboards. Structured Query Language (SQL) and Tableau will be used in the course.

Term Offered

Fall

Course credits: 1

BUSAD 139 - Business Analytics and Big Data

Upper Division

Prerequisites

Lower-division common business core courses and MATH 027 or MATH 013/MATH 014.

This course covers predictive modeling techniques. Students will also be exposed to a collection of current practices and computer technologies used to transform business data into useful information and support the business decision-making process. Topics include data mining, text and web analytics, and big data strategies. RapidMiner/Python will be used in the course and supplemented with other tools as needed.

Term Offered

Spring

Course credits: 1

BUSAD 140 - Strategic Management

Upper Division

Prerequisites

Lower division common business , core courses, the core curriculum math , requirement, BUSAD 123; BUSAD 124; and BUSAD 132.

A capstone course which must be taken in the , spring term of the senior year, it integrates the , major functional operating areas of business , firms viewed within the broader context of , strategic management, i.e., the process of , managerial decision making and actions that , determine the long-run performance of business , organizations.

Term Offered

Every semester

Course credits: 1

BUSAD 175 - Management Information Systems

Upper Division

Prerequisites

Lower division common business , core courses, the core curriculum math , requirement, BUSAD 123; BUSAD 124; and BUSAD 132.

This course focuses on the concepts, tools, trends, and organization of information systems. Topics include e-commerce, network technology, trends in social media, enterprise resource management, database and knowledge management, digitization and digital products, wired and wireless technology platforms, and ethical and social issues. Examination of the changes and trends in the wired and wireless technology platforms, database and business intelligence management, and social media and networks is emphasized to allow students to understand the potential competitive advantages of information technology in a global business world and its role in improving customer intimacy, supply management and various operational efficiencies.

Additional Notes

This course is not available to first-years or sophomores.

Course credits: 1

BUSAD 180 - Global Business

Upper Division

Prerequisites

Lower-division common business core courses.

An overview of the special opportunities and risks firms face as a result of the rapid globalization of business. The course emphasizes the economic, cultural, and institutional factors that managers must consider when conducting business in foreign countries. Students will study and become familiar with global marketing, finance, and managerial strategies that lead to success in off-shore markets.

Term Offered

Every semester

Additional Notes

This course is not available to first-years or sophomores.

Course credits: 1

BUSAD 181 - Business Ethics and Social Responsibility

Upper Division

Prerequisites

Lower-division common business core courses, except math.

The study and application of ethical decision-making, leadership, and social responsibility in business, grounded in personal and company core values. Topics include utilitarian, Kantian, and virtue ethics; creating ethical company cultures; the role of the firm in society and theories of corporate social responsibility, including sustainability (economic, social, ecological); cross-cultural dimensions of multinational business; and social responsibility focused regulation (e.g., Sarbanes-Oxley).

Term Offered

Every semester

Additional Notes

This course is not available to first-years.

Course credits: 1

BUSAD 185 - Managing the Global Firm

Upper Division

Prerequisites

Lower-division common business core courses, the core curriculum math requirement, and BUSAD 131.

An exploration of the global manager's environment, which includes the cultural context of global management, formulating and implementing strategy for international and global operations, and global human resources management. The course helps students to develop a global vision and global management abilities at the organizational, strategic, and interpersonal level. Topics include cross-cultural management, global human resource management, global workforce planning (people, mobility), developing and managing global competencies (people and processes), and labor relations policies and management.

Term Offered

Spring

Course credits: 1

BUSAD 195 - Internship**Upper Division****Prerequisites**

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Additional Notes

Normally open to junior and senior students only.

Course credits: Credit may vary

BUSAD 196 - Strategic Management**Upper Division****Prerequisites**

Lower division common business core courses, the core curriculum math requirement, BUSAD 123, BUSAD 124, and BUSAD 132.

A capstone course which must be taken in the final term of the senior year, it integrates the major functional operating areas of business firms viewed within the broader context of strategic management, i.e., the process of managerial decision making and actions that determine the long-run performance of business organization.

Course credits: 1

BUSAD 197 - Independent Study**Upper Division****Prerequisites**

Permission of the instructor and BUSAD Program Director is required.

An independent study or research course for students whose needs go beyond the regular courses in the curriculum.

Course credits: Credit may vary

BUSAD 199 - Honors Independent Study**Upper Division****Prerequisites**

Permission of the instructor and BUSAD Program Director is required. B average in business administration

An independent study or a research course for upper-division students with a B average in the major.

Course credits: Credit may vary

Chemistry - Lower Division

CHEM 002 - Principles of Chemistry

Lower Division

Concurrently

Concurrent enrollment in CHEM 003 (lab) is required.

Prerequisites

One year of high school chemistry.

An introduction to topics in general chemistry, organic chemistry, and biochemistry for those students with an interest in the life sciences. This course is designed primarily for kinesiology students. Others may enroll in this course if they have been sufficiently counseled as to whether it is appropriate to their needs.

Lecture and/or Lab Hours

Four lectures per week.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Term Offered

Offered every spring.

Course credits: 1

CHEM 003 - Principles of Chemistry Lab

Lower Division

Concurrently

Concurrent enrollment in CHEM 002 is required.

Laboratory to accompany CHEM 002.

Lecture and/or Lab Hours

One lab per week for three hours.

Term Offered

Offered every spring.

Fee

Laboratory fee required.

Course credits: 0.25

CHEM 008 - General Chemistry I

Lower Division**Concurrently**

Concurrent enrollment in CHEM 009 is required.

Prerequisites

Admission requires high school chemistry and placement in MATH 013, MATH 027, or equivalent.

A study of the fundamental principles of chemical science and the chemistry of the more common elements and their compounds.

Lecture and/or Lab Hours

Four lectures per week.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Term Offered

Offered every semester.

Course credits: 1

CHEM 009 - General Chemistry Lab I**Lower Division****Concurrently**

Concurrent enrollment in CHEM 008 is required.

An introduction to experimentation in chemistry. Laboratory to accompany CHEM 008.

Lecture and/or Lab Hours

One lab per week for four hours.

Term Offered

Offered every semester.

Fee

Laboratory fee required

Course credits: 0.25

CHEM 010 - General Chemistry II**Lower Division****Concurrently**

Concurrent enrollment in CHEM 011 (lab) is required.

Prerequisites

CHEM 008, CHEM 009 with grades of C- or better.

A continuation of CHEM 008.

Lecture and/or Lab Hours

Four lectures per week.

Term Offered

Offered every spring.

Course credits: 1

CHEM 011 - General Chemistry Lab II**Lower Division****Concurrently**

Concurrent enrollment in CHEM 010 is required.

Prerequisites

CHEM 008, CHEM 009.

Laboratory to accompany CHEM 010.

Lecture and/or Lab Hours

One lab per week for four hours.

Term Offered

Offered every spring.

Fee

Laboratory fee required.

Course credits: 0.25

CHEM 089 - Chemical Literature**Lower Division**

A systematic survey of the literature of chemistry and allied fields. Practice in the retrieval, evaluation, and use of chemical information.

Lecture and/or Lab Hours

Approximately two hours per week.

Core Curriculum Designation(s)

WID - Writing in the Disciplines. This course, taken with CHEM 110, satisfies the Writing in the Disciplines requirement of the Core Curriculum.

Term Offered

Offered every semester.

Course credits: 0.25

Chemistry - Upper Division

CHEM 104 - Organic Chemistry I

Upper Division

Prerequisites

CHEM 008, CHEM 009 (lab), CHEM 010, CHEM 011 (lab) with grades of C- or better are prerequisite to all upper-division courses.

An introduction to the concepts of structure and reactivity of organic compounds.

Lecture and/or Lab Hours

Four lectures per week. One lab per week for four hours.

Term Offered

Offered every fall.

Fee

Laboratory fee required.

Course credits: 1

CHEM 106 - Organic Chemistry II

Upper Division

Prerequisites

CHEM 104 with grade of C- or better.

A continuation of CHEM 104.

Lecture and/or Lab Hours

Four lectures per week. One lab per week for four hours.

Term Offered

Offered every spring.

Fee

Laboratory fee required.

Course credits: 1

CHEM 110 - Polymer and Supramolecular Chemistry

Upper Division

Prerequisites

CHEM 089 and CHEM 106.

An in-depth study of macromolecules and supramolecular systems, including their structure, synthesis and preparation, characterization, and physical properties. This course centers around reading and discussion of journal articles, as a prime learning objective of this course is to assist the student to use other instructional materials besides textbooks.

Core Curriculum Designation(s)

WID - Writing in the Disciplines. This course, taken with CHEM 089, satisfies the Writing in the Disciplines requirement of the Core Curriculum.

Term Offered

Offered in alternate years, spring semester.

Course credits: 1

CHEM 111 - Advanced Organic Chemistry

Upper Division

Prerequisites

CHEM 104, CHEM 106 with grades of C- or better.

An in-depth examination of the mechanisms of organic reactions, the methods used to study them, and the relationship between structure and reactivity. Selected advanced synthetic methods may also be covered.

Lecture and/or Lab Hours

Three lectures per week.

Term Offered

Offered in alternate (even) years, spring semester.

Course credits: 1

CHEM 113 - Analytical Chemistry

Upper Division

Prerequisites

CHEM 008, CHEM 009 (lab), CHEM 010, CHEM 011 (lab) with grades of C- or better.

Study of the fundamentals of analytical chemistry with emphasis on careful experimental technique. Topics will include a deeper understanding of equilibrium systems and statistical data analysis. Laboratory (113L) includes volumetric, electro-analytical, and spectroscopic methods.

Lecture and/or Lab Hours

Two lectures per week. Two labs per week, for three hours each.

Term Offered

Offered every year, spring semester.

Fee

Laboratory fee required.

Course credits: 1

CHEM 114 - Physical Chemistry I

Upper Division

Prerequisites

CHEM 008, CHEM 009 (lab), CHEM 010, CHEM 011 (lab) with grades of C- or better. Also required: MATH 013 and MATH 014, or MATH 027; MATH 028 or MATH 038; PHYSI 001, PHYSI 002, PHYSI 003, PHYSI 004 or PHYSI 010/010L, PHYSI 011/011L; or permission of instructor. Recommended MATH 039.

An overview of the main theoretical principles that underlie all of chemistry. Topics will include: the kinetic-molecular theory of gases; the three laws of thermodynamics; chemical equilibrium; chemical kinetics; quantum mechanics; atomic structure; chemical bonding; spectroscopy.

Lecture and/or Lab Hours

Three lectures per week.

Term Offered

Offered every year, fall semester.

Course credits: 1

CHEM 115 - Physical Chemistry II**Upper Division****Prerequisites**

CHEM 114 with a passing grade (D- or better).

An in-depth examination of selected topics from physical chemistry. Topics will include: the application of quantum mechanics to individual atoms, and also to vibrating and rotating molecules; the use of molecular orbital theory to explain chemical bonding; the calculation of partition functions and their relationship to fundamental thermodynamic properties; transition state theory and its use in chemical kinetics; molecular reaction dynamics.

Lecture and/or Lab Hours

Three lectures per week. One lab per week for four hours.

Term Offered

Offered every year, spring semester.

Fee

Laboratory fee required.

Course credits: 1

CHEM 118 - Instrumental Chemical Analysis**Upper Division****Prerequisites**

CHEM 008, CHEM 009 (lab), CHEM 010, CHEM 011 (lab) with grades of C- or better. Also CHEM 104 (may be taken concurrently).

A study of the principles used in the design and operation of instruments and their applications in chemistry.

Lecture and/or Lab Hours

Two lectures per week. Two labs per week for four hours each.

Term Offered

Offered in alternate (odd) years, fall semester.

Fee

Laboratory fee required.

Course credits: 1

CHEM 119 - Environmental Chemistry**Upper Division****Prerequisites**

CHEM 008, CHEM 009 (lab), CHEM 010, CHEM 011 (lab) with grades of C- or better.

A study of the theory and practice of water, air and soil chemistry with emphasis on the problem areas within our environment.

Lecture and/or Lab Hours

Three lectures per week. One lab per week for four hours.

Core Curriculum Designation(s)

CE - Community Engagement

Term Offered

Offered in alternate (even) years, fall semester.

Fee

Laboratory fee required.

Course credits: 1

CHEM 130 - Advanced Inorganic Chemistry**Upper Division****Prerequisites**

CHEM 008, CHEM 009 (lab), CHEM 010, CHEM 011 (lab) with grades of C- or better. Also CHEM 104 or consent of instructor.

A study of the structures, reactions and relationships of the elements and their compounds.

Lecture and/or Lab Hours

Three lectures per week.

Term Offered

Offered in alternate (even) years, fall semester.

Course credits: 1

CHEM 197 - Special Study

Upper Division

Prerequisites

Consent of the faculty advisor.

Laboratory research in chemistry, under the direction of a faculty advisor. Results from the research project will be summarized in the form of a written thesis and an oral or poster presentation. Students should contact potential faculty advisors directly.

Term Offered

Offered as needed.

Course credits: Credit may vary

CHEM 199 - Special Study - Honors

Upper Division

Prerequisites

Senior standing, a 3.0 GPA (minimum) in chemistry coursework and the consent of the faculty advisor.

Laboratory research in chemistry, under the direction of a faculty advisor. Results from the research project will be summarized in the form of a written thesis and an oral or poster presentation.

Term Offered

Offered as needed.

Course credits: Credit may vary

Classical Languages - Lower Division

See Greek and Latin language courses listed under GREEK and LATIN.

CLSL 001 - Etymology: The Greek and Latin Roots in English

Lower Division

A course in vocabulary-building and word-power. Students learn how to decode a wide range of complicated English vocabulary, to make better and more precise vocabulary choices, and to improve oral and written communication skills. Over 60 percent of all English words have Greek or Latin roots. In the sciences and technology, the figure rises to over 90 percent. This course surveys Greek and Latin derivatives in English and examines the contexts in which the original meanings have changed. Students learn to interpret correctly the semantic range of Greek and Latin roots in English. The English language emerges as a dynamic system intricately linked to historical, social, and cultural realities.

Course credits: 0.25

CLSL 002 - Greece and Rome: Golden Times

Lower Division

Who were the ancient Greeks and Romans? How did they see their place and role in the world around them? This

lower-division course serves as a comprehensive introduction to the Greco-Roman civilization. It also enables students to explore methodically, through a wide selection of primary texts, various Greek and Roman notions of self and other, mortal and divine, same and different. By the end of the term, students will be able to assess competently the basic assumptions behind the texts and discuss them in light of our own complex assumptions and attitudes.

Course credits: 1

Classical Languages - Upper Division

CLSL 100 - Classical Mythology

Upper Division

Prerequisites

ENGL 005 or instructor's approval.

Classical Mythology is a study of the highly flexible narrative content of Greek and Roman myths, the underlying thought patterns behind it, and the ancient attitudes to myth in our main sources, the literary works of Greek and Roman writers. Classical myths and mythological references in both Classical and non-Classical literature and art emerge in historical contexts.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

CLSL 101 - The Empires of Greece & Rome

Upper Division

Prerequisites

ENGL 005 or instructor approval.

Course credits: 1

CLSL 197 - Independent Study

Upper Division

Prerequisites

Permission of instructor and department chair is required.

Course credits: 1

CLSL 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of instructor and department chair is required. An independent study or research course for upper-division majors with a B average in Classical Languages.

An independent study or research course for upper-division majors with a B average in Classical Languages.

Course credits: 1

Collegiate Seminar - Lower Division

SEM 001 - Critical Strategies and Great Questions

Lower Division

Concurrently

Corequisite: ENGL 004.

This first seminar develops the skills of critical thinking, critical reading and writing, and shared inquiry that are foundational to Collegiate Seminar. Students learn strategies for engaging with a diversity of texts, asking meaningful questions, and effectively participating in collaborative discussions. Reading and writing assignments are specifically designed to support students' gradual development of these strategies and skills.

Course credits: 1

SEM 002 - Western Tradition I

Lower Division

Employing and building upon the strategies of critical thinking, critical reading, and shared inquiry learned in the first seminar, students will read, write about and discuss a selection of classical, early Christian and medieval texts from the Western tradition.

Course credits: 1

Collegiate Seminar - Upper Division

SEM 102 - Western Tradition I for transfers

Upper Division

This first seminar for transfer students develops skills of critical thinking, critical reading and writing, and shared inquiry that are foundational to Collegiate Seminar. Students will read, write about and discuss a selection of classic and modern texts from the Western tradition.

Course credits: 1

SEM 103 - Western Tradition II

Upper Division

Employing and building upon the strategies of critical thinking, critical reading, and shared inquiry learned in previous seminars, students will read, write about and discuss a selection of Renaissance, 17th, 18th and 19th century texts from the Western tradition.

Course credits: 1

SEM 104 - The Global Conversation of the 20th and 21st centuries

Upper Division

Building on the Western tradition explored in the second and third seminars, readings focus on the Great Conversation of the modern world, which includes the West but also includes important intercultural and global voices. The course focuses on issues of significant relevance for a 21st century student, as well as texts that allow for integrative thinking across the entire Collegiate Seminar sequence. The last portion of the course will include student reflections on what they have learned and how they have grown, revisiting the steps of their intellectual development in a capstone experience.

Course credits: 1

SEM 144 - Multicultural Thought

Upper Division

Prerequisites

SEM 001 or SEM 002.

Selected readings from 20th-century multicultural authors of the United States, especially from California. Readings continue the dialogue with authors from previous seminars, give renewed attention to questions raised in those contexts and address contemporary issues as well.

Course credits: 1

SEM 145 - World Traditions

Upper Division

Prerequisites

SEM 001 or SEM 002.

Readings from the traditions of Asia, Africa and the Middle East that raise basic human questions of courage, compassion, loyalty and wisdom. These works from around the world are selected to extend the themes and ideas from both the Western Tradition sequence and the Multicultural Thought seminar to a truly global conversation.

Course credits: 1

SEM 146 - The Common Good Seminar

Upper Division

Prerequisites

SEM 001 or SEM 102.

This elective seminar uses a thematically organized selection of readings to promote discussion and writing about what the common good is and how it might be pursued. Through critical engagement with interdisciplinary primary texts, students explore questions of human nature, the common good, and a just social order. Reading lists vary according to

the particular thematic focus of the course.

Repeatable

May be repeated as content varies.

Course credits: 1

SEM 190 - Co-Leader Apprenticeship

Upper Division

A course designed for specially selected, experienced seminar students assigned to assist a faculty member as student co-leader for a specific seminar class. As co-leaders, students participate as discussion facilitators and models in a seminar they have already completed. Meetings with assigned seminar faculty by arrangement.

Repeatable

May be repeated for credit.

Course credits: 0.25

SEM 192 - Introduction to Methods and Field Experience in Elementary Level Discussion Groups

Upper Division

Prerequisites

SEM 001 or SEM 002.

For course description, see Justice, Community and Leadership Program.

Course credits: 0.25

Communication - Lower Division

COMM 002 - Introduction to Media and Cultural Studies

Lower Division

This course intends to acquaint students with ways of critically assessing the everyday communication practices and texts (spoken, visual and mediated) which construct and transmit social knowledge. Introduces students to issues such as language, meaning, rhetoric, persuasion, definition, mediation, representation, visual culture, social knowledge, understanding the "self," the relationship between culture and communication, the social construction of reality, and the assessment of the influence of mass communication. Students will participate in in-depth discussions based in primary texts of communication theory and produce critical essays and creative media projects that demonstrate their grasp of course content.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

COMM 003 - Introduction to Human Communication

Lower Division

This course is designed to give students an overview of the basic concepts and theories of human communication as a meaning making process, involving both verbal and nonverbal symbols, that constructs social meaning across various contexts such as relational, intercultural, small group, and workplace. In order to understand human communication in these contexts, students will learn to examine, analyze, and interpret identities, perceptions, group dynamic and power, and technology and media in everyday life through the social scientific, interpretive, and critical lenses of the field of Communication Studies. This course will prepare students to develop fundamental knowledge on the study of communication as well as communication competence as a practical outcome.

Core Curriculum Designation(s)

AD - American Diversity; SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

COMM 010 - Rhetoric and Public Discourse

Lower Division

This course examines general principles of argument and advocacy as they relate to rhetorically creating change in different spheres of social life. Communication scholar, Rod Hart, writes that advocacy "is the human creature's most natural way of changing the world. It is also the most civilized way of doing so. Bombs, torture and mayhem change the world too, but those are primitive modalities and they lead to unstable outcomes. Symbolic influence is better. It lasts longer and it's less noisy." Students will explain the importance of communication in civic life and explore how the conventions of argument change-and how advocacy functions-in different societal spheres. Students will develop an understanding of argument and evaluation theories, while also embodying those theories by developing practical advocacy and critical appraisal strategies. Finally, students will identify the challenges faced by communities and the role of communication in contributing to the resolution of those challenges. This course involves significant public speaking (speeches) as well as some writing.

Course credits: 1

Communication - Upper Division

Students must have sophomore standing to enroll.

COMM 100 - Communication Theory

Upper Division

Prerequisites

Students must have sophomore standing to enroll.

This course provides students with a review of major theories applicable to communication among individuals, within organizations, in politics and in the media. Through readings and discussion of seminal core texts, students are encouraged to judge for themselves the strong and weak portions of alternative concepts, models and theoretical concepts, as well as to evaluate the empirical methods from which these theories are derived.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

COMM 104 - Understanding Digital Culture

Upper Division

Prerequisites

Students must have sophomore standing to enroll.

Students will explore key concepts and theories through a close reading of fundamental texts, study of representative examples of digital work (e.g. websites, gaming, networked and immersive environments, media art), and will engage in basic digital design and production assignments.

Course credits: 1

COMM 105 - International Communication

Upper Division

Prerequisites

COMM 106 or COMM 112

A review of our "global village," which is dangerously divided not only by power struggles and interest conflicts, but by message flows that create confusion and justified or unjustified suspicion. Special attention is given to the role of the United Nations (and its specialized agencies dealing with communication) as a vital mode of cross-cultural communication among the leaders of nations, and to the role of the media in defining global policy issues.

Course credits: 1

COMM 106 - Intercultural Communication

Upper Division

An exploration of intercultural communication within various national contexts, though primarily U.S.-based. The courses will include an examination of the roles of identity, history, power, language, cultural values, nonverbal communication, migration, cultural space, popular cultural communication and relationships. Students will also become familiar with intercultural communication theories and with approaches to studying intercultural communication. Seeks to provide a basis for comprehending the relationship between culture and communication and for understanding cultural practices, differences and similarities.

Core Curriculum Designation(s)

AD - American Diversity; SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

COMM 107 - Political Communication

Upper Division

Prerequisites

COMM 110 or COMM 111

The interplay of the press, politics and public policy is a key feature in understanding our democracy today. This course examines the role of communication, information and media technologies in the electoral and legislative processes. Special attention is given to how the Internet and other media have altered the political landscape.

Course credits: 1

COMM 109 - Visual Communication

Upper Division

In this course, students study visual culture, learn to do visual analysis and explore key ideas in visual communication including visual methodologies, such as compositional interpretation, semiotics, discourse analysis and psychoanalytic analysis. Possible topics include exploration of the visual components of advertising, video games, technology, photography, film, television, news, the body, comics, theme parks and museums.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

COMM 110 - Quantitative Methods

Upper Division

Prerequisites

COMM 003, or permission of the chair. Students must have sophomore standing to enroll.

This course is designed to introduce students to the design of empirical research, such as survey, experiment, and content analysis, and the basics of statistics and concepts of hypothesis testing through systematic data collection and analysis. Students will learn to understand existing research in social sciences and to design and execute a project for their own inquiry that are practical and applicable to the construction of generalizable knowledge.

Course credits: 1

COMM 111 - Qualitative Methods

Upper Division

Prerequisites

COMM 003, or permission of the chair.

This course introduces students to qualitative methodology and offers students an opportunity to design and practice qualitative methods. Topics addressed will include origins of qualitative methodology, ethnography, participant observation, interviewing, formulating research questions, collection and analysis of data, and writing the literature review.

Course credits: 1

COMM 112 - Interpersonal Communication

Upper Division

Upper-level course treating major theories and concepts in interpersonal communication. Lecture, discussion, readings and activities integrating concepts such as nonverbal communication, listening, intimate relationships, family relationships, interracial relationships, conflict management, forgiveness, negotiation, gender, perception and self-concept, technology's role in communication, as well as relationship development, maintenance, struggles and termination.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

COMM 113 - Rhetorical Criticism

Upper Division

This course will provide students the opportunity to learn and practice rhetorical criticism. Students will analyze artifacts (textual, visual, online) by employing methods such as Neo-Aristotelian criticism, cluster criticism, fantasy-theme criticism, feminist criticism, generic criticism, ideological criticism, metaphor criticism, narrative criticism, pentadic criticism, generative criticism and queer criticism.

Course credits: 1

COMM 116 - Advertising and Civic Engagement

Upper Division

This course is designed to give students an understanding of both the theory and practice of advertising through the medium of civic engagement projects. The first half of the course will allow you to study the underlying theories of the practice of advertising; in the second half, students will have the opportunity to apply these theories in the form of advertising campaigns for on-campus clients.

Course credits: 1

COMM 117 - Public Relations

Upper Division

This course provides an in-depth understanding of the theories of public relations and the ways in which they are practiced throughout our society, both in the marketplace and in the political realm. Emphasis is on application of these theories in student-authored projects that focus on civic engagement in the community. This course affords students the opportunity to research, plan, execute and evaluate a public relations campaign.

Course credits: 1

COMM 118 - Communication Policy and Law

Upper Division

Prerequisites

COMM 110 or COMM 111

This course examines the function of the laws regulating media and communication and explores how legal, political, social, administrative, economic and technological factors contribute to determining public policy on media issues. Of primary concern is the First Amendment's relationship to intellectual property, torts and telecommunication law.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

COMM 122 - American Journalism

Upper Division

An introduction to the craft of news writing and reporting in print and electronic news media. Historical development of newspapers, journals, blogs and magazines-in print, on television/radio, and online; emphasis on journalism as a profession and ethical conduct.

Course credits: 1

COMM 123 - Sports Journalism

Upper Division

American culture, its contests and celebrations have moved from the sports page to the front page. This course explores the history, literature and practice of sports journalism in print, TV/radio and new media. Students will examine issues of gender and ethics, develop editorial criteria for sports coverage, and learn "best practices" in writing for print and broadcast.

Course credits: 1

COMM 125 - Media Technologies and Culture

Upper Division

This course, an introduction to media studies, focuses on the critical concepts and technical skills necessary for understanding communication practices in the 21st century. While acknowledging that the media have become digital, this course places communication and media technologies within a broader historical and cultural context. Students will be required to produce media criticism and creative media projects, as well as learn key theories about media and communication in the global, networked digital age.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

COMM 126 - Visual Research Methods

Prerequisites

COMM 002 and COMM 125, or permission of the chair.

This course introduces students to analytical and interpretative methods for understanding visual and media culture

within a communication and cultural studies context. Students will explore the ways in which a variety of media - comics, art, television, video, cinema, and the Internet - can serve as the basis for qualitative, rhetorical, and textual forms of research practice. At the completion of the course, students will have demonstrated a working knowledge of a range of research methods and will have applied their knowledge to images from several different media. As a culminating experience, students will produce a paper or project that makes use of a particular approach to interpreting visual and media-based research materials. Each class session will present students with a specific visual research method and will apply this method to various forms of media. In addition, the basic technical skills of media pre-production, production, postproduction, and analysis will be taught with the objective of understanding the role of rigorous research and theoretical grounding in the production process.

Course credits: 1

COMM 132 - Audio Production

Upper Division

Recognizing the importance of the sonic arts in contemporary forms of media, this course introduces students to: (1) basic acoustical theory, (2) musical concepts as related to media production, (3) aesthetic and technical elements of sound design, (4) audio field recording, and (5) non-linear audio editing and post-production techniques.

Course credits: 1

COMM 133 - Video Production

Upper Division

This course introduces students to the basics of digital video production. Topics covered include: (1) introduction to film language and sound design, (2) video camera basics and video-production workflow, (3) cinematography and lighting, (4) non-linear video editing, and (5) post-production techniques.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

COMM 143 - Advanced Media Production I

Upper Division

This is an upper-division course that delves into areas of specialization and advanced applications in media production. Possible topics may include web design, digital photography, motion graphics, video game design, animation, DVD authoring and advanced audio engineering.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis), CP - Artistic Understanding (Creative Practice)

Course credits: 1

COMM 144 - Advanced Media Production II

Upper Division

Prerequisites

COMM 143.

This course is a continuation of media skills and concepts developed in COMM 143. These are upper-division media courses that delve into areas of specialization and advanced applications in media production. Possible topics include web design, digital photography, motion graphics, video game design, animation, DVD authoring and advanced audio engineering.

Course credits: 1

COMM 147 - Persuasion**Upper Division****Prerequisites**

COMM 113

This course examines the theory and practice of persuasive communication in a variety of forms ranging from public relations campaigns to visual media, political debate, religion and music. Course emphasizes the utility of classical and modern rhetorical frameworks for understanding contemporary persuasive efforts in a broad range of contexts, as well as other persuasive theories, including Robert Cialdini's influential theory, Sherif's social judgment theory and Miller's information processing theory.

Course credits: 1

COMM 158 - Film**Upper Division**

This course examines film history and film theory through the lens of communication. As a dominant mode of communication and as a major art form, the study of film itself ranges from theatrically-based Hollywood films to digital cinema. This course emphasizes the centrality of film to the visual imagination and the development of visual culture. Students will produce critical writing about film and a final creative media project.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

COMM 161 - Communication and Social Justice**Upper Division****Prerequisites**

COMM 110 or COMM 111

This course engages the power of communication as a transformative act. In the pursuit of social justice, communication can be a tool, a weapon and a witness on behalf of community service, social change and political struggle. The role of communication in relation to social justice is not just studied abstractly, but passionately practiced and embodied through real-world projects and first-hand experiences. This course involves a service-learning component. Recent topics include food justice, hip hop, consumerism and drag culture.

Core Curriculum Designation(s)

TCG - The Common Good; CE - Community Engagement

Course credits: 1

COMM 163 - Seminar in Special Topics**Upper Division****Prerequisites**

COMM 110 or COMM 111

These are topical, special-interest courses exploring an area of study or particular problem in the field of communication. Topics cover the range of communication theory, rhetoric and persuasion, law and public policy and visual media.

Course credits: 1

COMM 170 - Group Facilitation and Leadership**Upper Division****Prerequisites**

COMM 106 or COMM 112

This course focuses on development of group facilitation and critical thinking skills for making ethical decisions in various multicultural settings. Topics covered in this course include leadership and communication theories of power and interpersonal dynamic in teams and groups, listening abilities and perspective-taking, practical discussion facilitation skill building, and understanding organizational structure and decision-making processes.

Course credits: 1

COMM 190 - Communication Practicum**Upper Division**

The department offers a wide variety of one-quarter academic credit courses which may be applied to student participation in radio, video, visual, film, journalism, digital media, public relations, advertising or independent study. Macken Collegiate Forensics Program may be taken for full or fractional credit.

Course credits: 0.25

COMM 195 - Internship**Upper Division****Prerequisites**

COMM 002, COMM 003, COMM 010, and COMM 100 with C or better and permission of the faculty internship coordinator.

Work in an appropriate internship position in the field of communication, under the supervision of the faculty internship coordinator. Students will read relevant texts that will help them apply communication theories and concepts

to the context of their internship. Students will conduct ongoing reflection on their internship experience through synthesis with course texts.

Course credits: .25

COMM 196 - Senior Capstone

Upper Division

Prerequisites

COMM 100, and either COMM 110 and COMM 111 (Communication Strategist Track) or COMM 125 and COMM 126 (Media Maker Track), or permission of the chair. Senior standing required.

Students must submit a formal capstone proposal to the department in the semester prior to enrolling in the course. In this course, students conceptualize and conduct research using one or two approaches (including performative, narrative or multimedia). Their research must address a socially significant communication issue, under the approval and supervision of an instructor. Students are encouraged to explore a question/issue that will represent the culmination of their undergraduate experience and reflect their finest work as a college student. At the conclusion of the term, students will present their work to interested members of the College community.

Course credits: 1

COMM 197 - Special Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or research course for upper-division majors with a B average or better in communication courses.

Course credits: Credit may vary

COMM 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: Credit may vary

COMM 310 - Communication and Culture

Upper Division/Grad

Prerequisites

COMM 110 or COMM 111 and COMM 106 or COMM 112, or permission of Graduate Director

This course investigates the relationship between communication and culture. Students will use case studies to apply a range of intercultural communication theories to analyze problems that typically arise in "real world" cross-cultural settings. Students are expected to make a clear connection between a communication phenomenon (e.g., current social issues) and intercultural communication theories as they work toward critical engagement with intercultural and cross-cultural communication competency.

Course credits: 1

COMM 311 - Identity and Intercultural Communication

Upper Division/Grad

Prerequisites

COMM 110 or COMM 111 and COMM 106 or COMM 112, or permission of Graduate Director

This course aims to develop a critical cultural consciousness. Students begin by examining their own cultural identities and then learn how to view interactions with others through the lens of intercultural communication. Through self-awareness and understanding how identity, culture, and communication work together, students learn critical skills to enhance their intercultural competence. Students work in groups to apply these insights by developing a diversity training activity grounded in theories of identity and intercultural communication.

Course credits: 1

Computer Science - Lower Division

MA/CS 002 - Digital Literacy, Introduction to Web Design

Lower Division

This course introduces students in an accessible way to the basics of digital literacy through web design as a stepping-stone to computer programming concepts and applications. Students are introduced to web development including (1) design principles, (2) information architecture, and (3) interactivity design. Primary development tools include HTML5 and CSS3. Class projects develop knowledge, research and problem solving skills needed for the design, development, and testing of interactive media projects.

Additional Notes

This course does NOT satisfy the Mathematical Understanding requirement of the Core Curriculum, nor does it count towards a mathematics major or the 3+2 Engineering Program.

Course credits: 1

MA/CS 021 - Programming I

Lower Division

Prerequisites

MATH 027.

An introduction to problem-solving concepts and program design. Topics covered include top-down design with a structured programming language, bottom-up testing, control statements and structured data types. No prior knowledge of programming is required. The language for the course is Python; students with knowledge of another programming language will find the course valuable.

Term Offered

Offered every semester.

Course credits: 1

Computer Science - Upper Division

Consult the department chair for the schedule of offerings.

MA/CS 102 - Programming II

Upper Division**Prerequisites**

MA/CS 021.

A continuation of MA/CS 021. Topics include recursion, an introduction to data structures, analysis of algorithms and object-oriented programming. Programming style and large program development are emphasized.

Term Offered

Consult the department chair for the schedule of offerings.

Course credits: 1

MA/CS 110 - Computer Systems

Upper Division**Prerequisites**

MA/CS 021.

Computer structure and machine languages, assembly language macros, file I/O, program linkage and segmentation.

Term Offered

Consult the department chair for the schedule of offerings.

Course credits: 1

MA/CS 174 - Analysis of Algorithms

Upper Division**Prerequisites**

MATH 028 or equivalent; MA/CS 021.

Basic notions of the design and efficiency of computer algorithms, nonnumerical algorithms for sorting and searching and numerical algorithms. Underlying data structures are examined.

Term Offered

Consult the department chair for the schedule of offerings.

Course credits: 1

MA/CS 190 - Topics in Computer Science

Upper Division

Prerequisites

Varies with topic.

This course presents connections among different disciplines which apply the principles of computer science. The theme varies. Students are required to complete a significant project involving their primary discipline.

Term Offered

Consult the department chair for the schedule of offerings.

Course credits: 1

MA/CS 192 - Digital Literacy: Web Programming

Upper Division

Prerequisites

MA/CS 002.

This course is a continuation of MA/CS 002 that introduces students to the basics of digital literacy through web design as a stepping-stone to computer programming concepts and applications. MA/CS-192 refines & builds upon this knowledge studying JavaScript, jQuery, Web API's and simple mobile applications while implementing a team-oriented project development approach. Other topics include responsive web design, CSS grid systems and HTML5 Canvas.

Term Offered

Consult the department chair for the schedule of offerings.

Additional Notes

This course does NOT satisfy the Mathematical Understanding requirement of the Core Curriculum, nor does it count towards a mathematics major or the 3+2 Engineering Program.

Course credits: 1

MA/CS 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Term Offered

Consult the department chair for the schedule of offerings.

Course credits: Credit may vary

MA/CS 197 - Special Study

Upper Division

Prerequisites

Permission of the department chair is required.

Independent study in topics not covered in listed courses.

Term Offered

Consult the department chair for the schedule of offerings.

Course credits: Credit may vary

MA/CS 199 - Honors-Special Study

Upper Division

Prerequisites

Permission of the department chair is required.

Independent study or research for majors in , mathematics with a concentration in computer , science or a split major in computer science, , with at least a B average in the major.

Economics - Lower Division

ECON 003 - Principles of Microeconomics

Lower Division

Introduction to the concepts and tools of microeconomic analysis. Microeconomics is concerned with individual economic units including representative consumers, fi and markets. Topics include resource allocation, income distribution and price, wage and quantity determination in competitive and noncompetitive markets. Micro-economic analysis is applied to selected current economic issues.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

ECON 004 - Principles of Macroeconomics

Lower Division

Introduction to the concepts and tools of macroeconomic analysis. Macroeconomics is concerned with the relationship between major economic aggregates including firms, households and government. Topics include the determination of the level of aggregate economic activity, inflation and unemployment, as well as government's ability to achieve a full employment, non-inflationary Gross Domestic Product using fiscal and monetary policy. Macro-economics is applied

to current economic issues including economic growth, business cycles, the government budget, and the policies of the Federal Reserve.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

ECON 010 - Economics and Society

Lower Division

A non-technical, introductory approach to micro- and macro-economics principles, issues and policies designed for students with little or no background in economics. Students are introduced to the tools, terminology, and analytical methodology of economics through their application to a number of real- world social, political, and economic issues. Some examples are how markets work, how government economic programs affect well-being, the government budget and the tax system, income and wealth distributions, why nations trade, and how to improve environmental quality using economic policies.

Additional Notes

ECON 010 does not substitute for ECON 003 or ECON 004, and may not be taken by those who have completed ECON 003-ECON 004.

Course credits: 1

ECON 020 - Data Management for Economics

Lower Division

This 0.5 credit course, required of all econ majors, prepares students to use data effectively. Students are first introduced to the basics of handling and manipulating data using current and relevant software. Thereafter, they will learn to survey popular economics databases and learn how to select and access data appropriate to a given research and other questions. Furthermore, the data management process includes evaluating and dealing with data quality issues; organizing and manipulating the data to prepare them for statistical analysis; and presenting data and analytical results effectively.

Term Offered

offered in the spring semester only.

Repeatable

May be repeated as content varies.

Course credits: 0.5

Economics - Upper Division

ECON 100 - Issues and Topics in Economics

Upper Division

Analysis of a selected theme, topic, issue, era or region not covered by the regular course offerings of the department. Subject of the course will be announced prior to registration each semester when offered.

Term Offered

Course will not be offered each semester.

Course credits: 1

ECON 102 - Development of Economic Thought**Upper Division****Prerequisites**

ECON 003, ECON 004 and ECON 106.

The course explores the historical and theoretical foundations of economic theory, with an emphasis on the classical political economists of the 18th and 19th centuries through a critical reading and analysis of the original works of important economic thinkers like Adam Smith, David Ricardo, Karl Marx and John Maynard Keynes. The course seeks to understand the relevance of these early economists to modern economic theory and issues.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Term Offered

Offered every spring semester.

Course credits: 1

ECON 105 - Microeconomic Theory**Upper Division****Prerequisites**

ECON 003, ECON 004, and MATH 003 or equivalent.

An intermediate-level analysis of the motivation and behavior of producers and consumers under alternative market structures. Particular emphasis is placed on price determination and resource allocation, as well as the application of theory to real-world issues.

Course credits: 1

ECON 106 - Macroeconomic Theory**Upper Division****Prerequisites**

ECON 003, ECON 004, and MATH 003 or equivalent.

An intermediate-level analysis of the aggregate interrelationship between consumers, business, government and the foreign sector in the determination of national income, employment, price levels and economic growth rate. Particular emphasis is placed on policy alternatives available to mitigate unsatisfactory performance of these variables.

Course credits: 1

ECON 111 - Economic History of the United States

Upper Division

Historical view of the development of the United States economy with particular emphasis on economic growth, income distribution and structural and institutional change in the 19th and 20th centuries. Course themes include the evolution of market structures, business organization, trade and technology; the history of American living standards, income distribution and poverty; immigration, race and gender roles; business cycle history; the changing role of government and the rise of the American-style welfare state. Students are provided a historical perspective on the origins of current economic issues

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 120 - Research Seminar

Upper Division

Prerequisites

ECON 020, ECON 105, and ECON 106.

This seminar is designed to develop the student's ability to evaluate professional, economic research through literature review and share ideas through seminar-like discussions. Methods of economic research are examined in theory and in actual practice, including their application in influential, published research. Students are expected to present this research in class and participate in discussions to deepen their understanding of how economists work and think. They are also required to develop their own areas of interest, appropriate to their choice of economics degree. This includes identifying a research project to be completed in the follow-on capstone class.

Course credits: 1

ECON 130 - Banking and Monetary Policy

Upper Division

Prerequisites

ECON 003, ECON 004, and ECON 106.

A description and analysis of the role of money and finance in a modern economy. The role of banks and other suppliers of credit, along with the U.S. Federal Reserve System and other central banks across the world is identified. Trends and instabilities in financial markets, interest rates, inflation and the general level of economic activity will be studied, including episodes of large scale banking and financial crises.

Course credits: 1

ECON 135 - Public Finance

Upper Division

Prerequisites

ECON 003 and ECON 004.

An analysis of government taxing and spending activities using theoretical, empirical, and institutional material. Topics include optimal provision of public goods, cost-benefit analysis, tax incidence, policies aimed at efficient level of externalities such as pollution, income redistribution, models of democratic and bureaucratic decision-making and the design of government procurement contracts.

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 136 - Investments

Upper Division

Prerequisites

ECON 003, ECON 004, BUSAD 040 or equivalent.

Description and analysis of the securities markets (bonds, stocks, etc.) from the viewpoint of the private investor. The student is introduced to asset valuation theories as well as the basis of portfolio selection. Particular emphasis is placed on the trade-off between risk and return, both for the individual assets and in a portfolio context.

Course credits: 1

ECON 141 - Methods of Quantitative Analysis

Upper Division

Prerequisites

ECON 003, ECON 004, MATH 027, MATH 028 or MATH 038, and ECON 105.

The first part of this two-semester sequence explores the ways in which economists use mathematical techniques—especially linear (matrix) algebra and differential calculus—to represent and "solve" a wide range of theories, problems and hypotheses. Applications include the firm's profit maximization and the consumer's optimization of utility.

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 142 - Methods of Quantitative Analysis

Upper Division

Prerequisites

ECON 003, ECON 004, BUSAD 040 or equivalent, and ECON 141.

The second part of the sequence is about how economists use statistical data to estimate and predict relationships between different economic variables. The goal is to have students become educated consumers and producers of econometric analysis; the former by studying how other economists make use of econometric methods in their work and the latter by doing estimations (running regressions) themselves using statistical software packages. Students will conduct an in-depth econometric research project on the topic of their choice.

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 150 - Environmental and Natural Resources Economics**Upper Division**

All economic activity involves an exchange with the natural environment. Natural resources are used in production and consumption and then returned to the environment in some form of waste. The class focuses on how a market economy actually handles these exchanges and develops criteria for judging the economy's performance in this regard. Important questions include the following: Are we exhausting our natural resources? Will we run out of cheap energy? What is the appropriate balance between economic standard of living and environmental quality? Can we rely on market forces to achieve the appropriate balance or do we need government intervention?

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

ECON 152 - Labor Economics**Upper Division****Prerequisites**

ECON 003 and ECON 004.

An extension and application of microeconomic theory to analysis of labor market processes that determine the allocation of human resources, as well as the level and structure of wages, employment and working conditions. The course devotes considerable attention to the public and private institutions (e.g., labor laws and unions) and sociological forces (e.g., prejudice and discrimination) that interact with demand and supply forces. Labor market models that take account of economic, sociological, and institutional forces are used to explain recent trends and patterns in the level and distribution of wages, employment, working conditions and union membership. The models are also used to analyze the impact on labor markets of changes in trade, technology, immigration, family structures and social norms; and to evaluate the efficiency and equity effects of government, business and union policies.

Term Offered

Generally offered in alternate years

Course credits: 1

ECON 160 - Comparative Economics Systems**Upper Division****Prerequisites**

ECON 003 and ECON 004.

The production and distribution of goods and income and the material welfare of people-the longtime concerns of economics-can be achieved in many different ways. This course examines capitalism, socialism, traditional village

economies, and other ways to organize economic activity. Case studies from around the world will include less developed as well as developed countries-China, Russia, Latin America, the Middle East and Africa. The course also examines the new globally integrated economy, based significantly on the U.S. model, and how it impacts various regions of the world.

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 170 - Industrial Organization

Upper Division

Prerequisites

ECON 003 and ECON 105 or consent of instructor.

Industrial organization is the study of firms, markets and strategic competition. The course will examine how firms interact with consumers and one another, primarily using the tools of microeconomics and game theory. Topics include competitive strategies, price discrimination, antitrust policy, mergers and advertising. Upon completion of the course, students should be able to examine real- world mergers and other firm strategies with a critical eye and predict market outcomes and consumer impact.

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 175 - Multinational Enterprises

Upper Division

Prerequisites

ECON 105.

This course examines multinational enterprises (MNEs) and foreign direct investment (FDI) from a number of perspectives, including motivations for international expansion, the economic impact of such expansion on home and host countries, and the political economy of MNEs. By the end of the course, students should understand why MNEs exist, under what conditions they can cause economic benefit or harm, and the complex interaction between MNEs and home and host country government.

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 180 - Sports Economics

Upper Division

Prerequisites

ECON 003.

Economic principles are used to analyze issues in the professional and amateur sports industries. Topics include league history and structure, labor issues, stadium financing, player salaries, competitive balance and the role of the NCAA. The economic perspective helps students better understand the industry and its economic, social and cultural significance.

Course credits: 1

ECON 190 - International Economics

Upper Division

Prerequisites

ECON 003 and ECON 004.

This course utilizes rigorous economic analysis to address key issues facing the global economy, such as international trade, direct foreign investment and the interaction of macroeconomic policies across borders. Students who are majoring or minoring in economics and/or planning a career in economics or business should be familiar with international economic issues. This course will give the student a firm foundation in international trade and finance and the ability to apply it in a practical context.

Core Curriculum Designation(s)

GP - Global Perspectives

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 192 - Economic Development

Upper Division

Prerequisites

ECON 003 and ECON 004.

A broad overview of the leading topics in development economics, with an emphasis on the application of economic theory to problems of economic development in Latin America, Africa and Asia and the practical policy issues and debates. Topics include the definition and measurement of economic development, macro-economic theories of growth and structural change, poverty and inequality, population, human capital, agriculture and rural development, migration, environment, trade, debt, liberalization and structural adjustment, foreign investment and foreign aid.

Core Curriculum Designation(s)

GP - Global Perspectives, TCG - The Common Good

Term Offered

Generally offered in alternate years.

Course credits: 1

ECON 195 - Internship

Upper Division

Prerequisites

Permission of instructor, department chair and SEBA Internship Coordinator required.

Work-study program conducted in an appropriate internship position, under the supervision of a faculty member.
Normally open to senior students only.

Course credits: Credit may vary

ECON 196 - Capstone

Upper Division

Prerequisites

ECON 120.

Required of all graduating economics majors, this course requires students to complete a comprehensive economic research project. Students will typically bring a research question from ECON 120 and execute the actual research in this capstone class, including hypotheses development, literature search, data gathering and analysis, and write a report. Students will help each other through this process and be guided by the instructor.

Course credits: 1

ECON 197 - Special Study

Upper Division

Prerequisites

Permission of instructor and department chair required.

An independent study or research course for students whose needs are not met by the regular courses in the curriculum.

Course credits: Credit may vary

ECON 199 - Special Study - Honors

Upper Division

Prerequisites

Normally open only to seniors with at least a B average in economics who have complete ECON 120 or ECON 141 and ECON 142 with a grade of B or better. (Seniors may be allowed to concurrently enroll in ECON 142 or ECON 120 and ECON 199). Permission of instructor and department chair required.

Independent study and research in an area of interest to the student culminating in a written thesis presenting the issue, methods of analysis and research findings.

Course credits: Credit may vary

English - Lower Division

ENGL 003 - Practice in Writing

Lower Division

Students placed in English 003 practice the fundamental writing skills required for ENGL 004. English 003 students focus on developing and organizing ideas, constructing complex sentences, and enhancing proofreading and editing skills. Enrollment in each section is limited to 10 to allow for individualized instruction. This course requires the completion of at least 5,000 words of formal writing, and an additional 2,500 words of informal writing practice.

Additional Notes

A grade of at least C- is prerequisite to enrollment in ENGL 004.

Course credits: 1

ENGL 004 - Composition

Lower Division

English 004 helps students develop their skills in critical thinking and written communication, and it introduces them to information evaluation and research practices. Through the writing process, students engage in intellectual discovery and unravel complexities of thought. They read and write to examine their own and others' assumptions, investigate topics, and analyze arguments. With a focus on writing as a scaffolded process, the course is designed to prepare students for writing in Collegiate Seminar, the more advanced writing required in ENGL 005, and college-level writing in general. This course requires the completion of at least 5,000 words of graded formal writing, and an additional 2,500 words of informal writing practice.

Additional Notes

A grade of at least C- is prerequisite to enrollment in ENGL 005.

Course credits: 1

ENGL 005 - Argument and Research

Lower Division

Prerequisites

A grade of at least C- in ENGL 004 is prerequisite to enrollment in English 005.

Students continue to develop the rhetorical and critical thinking skills they need to analyze texts and to structure complex arguments. In addition, students practice evaluating sources, exploring arguments through library research, and supporting original theses with appropriate evidence. Through a scaffolded process, students write and revise two or more essays, at least one of which is a substantial research essay of 8-12 pages that presents an extended argument. This course prepares students for the Writing in the Disciplines courses that they will encounter in their major. It requires the completion of at least 5,000 words of formal writing, and an additional 2,500 words of informal writing practice.

Additional Notes

A grade of at least C- in ENGL 005 is prerequisite to enrollment in Writing in the Disciplines courses.

Course credits: 1

ENGL 019 - Introduction to Literary Analysis

Lower Division

A course to introduce skills of analysis and interpretation that will help students to understand and enjoy works of literature and to articulate their understanding in discussion and essays. Special attention is given to literary terms and conventions and to the problems involved in writing about works of literature. Required for English majors, this course begins the major and is prerequisite to ENGL 029.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 023 - Voices of American Diversity**Lower Division**

An introduction to some of the many voices that constitute the diverse literary cultures of the United States. Readings may include novels, poems, short stories, slave narratives, Native-American chants, or diaries and letters organized around a theme or issue. Examples of possible offerings: The Immigrant Experience, Race and Sexuality in America, The City in American Literature, American Autobiography, or Growing Up in America.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); AD - American Diversity

Course credits: 1

ENGL 024 - SMPP Assessment**Lower Division**

Students in the English Subject-matter Preparation Program are required to register for this course prior to their senior year. The course assists students in beginning their portfolio and preparing them for the initial assessment interview required by the SMPP.

Term Offered

Offered in Spring only.

Course credits: 0.25

ENGL 025 - Creative Writing: Multi-Genre Studies**Lower Division**

An introduction to the critical and creative techniques and vocabularies of the major genres of creative writing-poetry, fiction, nonfiction, playwriting, and screenwriting. Students will be introduced to the craft of these genres while learning to explore their own written voice in a workshop-style environment.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

ENGL 026 - Creative Writing Reading Series

Lower Division

Students enrolled in this course attend the public events of the Creative Writing Reading Series and have an opportunity to meet visiting writers and discuss the writing and performances of the readers in the series.

Repeatable

May be repeated for credit.

Additional Notes

Students in the creative writing minor must take this course twice.

Course credits: 0.25

ENGL 027 - English Department Book Club

Lower Division

This class meets for one hour a week or two hours every other week to discuss works chosen jointly by an instructor and interested students. Its focus will vary from semester to semester, but may include such topics as books and the films based on them, fantasy fiction, memoir, detective fiction, or contemporary writing.

Course credits: 0.25

ENGL 029 - Issues in Literary Study

Lower Division

Prerequisites

ENGL 019.

An introduction to the disciplinary concerns relevant to the study of English and American literature. Through readings in theory and literature, class discussion and writing, students engage with the following topics: diverse interpretive approaches, the role of the reader, and canon formation.

Additional Notes

This course is a prerequisite for ENGL 167, ENGL 168 and ENGL 170.

Course credits: 1

ENGL 108 - Advanced Argument and Research

Upper Division

Prerequisites

ENGL 004 (must have a C- or better). Intended only for junior transfers (16.0+ entering credits); may not be taken by students who have completed ENGL 005 .

In this course students will hone the rhetorical and critical thinking skills necessary to analyze texts and to structure complex arguments. In addition, students practice evaluating sources, exploring arguments through library research, and supporting original theses with appropriate evidence. Through a scaffolded process, students write and revise two

or more essays, at least one of which is a substantial research essay of 15-20 pages that presents an extended argument. This course prepares students for the Writing in the Disciplines courses that they will encounter in their major. It requires the completion of approximately 40 pages (10,000 words) of writing in the semester (at least 25 pages would be graded formal writing). A grade of at least C- in English 108 is prerequisite to enrollment in Writing in the Disciplines courses.

Course credits: 1

English - Upper Division

ENGL 100 - Advanced Composition

Upper Division

Prerequisites

ENGL 004 and ENGL 005.

This course is designed to improve students' analytical, persuasive, professional and expository writing as well as to help them develop voice and style. Students will build on their research skills with the aim of producing effective upper- division college papers on complex topics. In addition, the course will cover motivation and commitment to writing and revising, appealing to specific audiences, developing and organizing ideas.

Additional Notes

Exception: With the Permission of the Director of Composition, transfer students with advanced standing may take this course in lieu of ENGL 005.

Course credits: 1

ENGL 102 - Creative Writing

Upper Division

Offerings rotate among poetry, fiction, creative nonfiction and dramatic writing. May be repeated for credit as genre varies.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

ENGL 103 - British Literature I

Upper Division

Chronological study of British literature from the Middle Ages to 1700, including Chaucer, Shakespeare and Milton, with attention to close reading and historical context.

Additional Notes

English 103 is not prerequisite to ENGL 104.

Course credits: 1

ENGL 104 - British Literature II

Upper Division

Chronological study of British literature from the Neoclassic, Romantic, Victorian and Modern periods, with attention to close reading and historical context. Writers studied may include Pope, Wordsworth, Austen, Mary Shelley, Dickens, Woolf, Yeats and T.S. Eliot.

Additional Notes

ENGL 103 is not prerequisite to English 104.

Course credits: 1

ENGL 105 - Children's Literature

Upper Division

Intensive readings in imaginative literature for children. Topics may include adolescent fiction, multicultural literature, picture books, fairy tales, issues in selecting books for children, history, enduring themes, forms of fantasy, conventions and relationship to adult literature.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 106 - Writing Adviser Training Workshop

Upper Division

Training in the art of helping fellow students develop, organize, and articulate their ideas in writing. Students develop tutoring skills through practice and discussion in a workshop setting.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 0.25

ENGL 107 - Writing Adviser Staff Workshop

Upper Division

Prerequisites

ENGL 106.

Advanced training in the art of helping fellow students develop, organize, and articulate their ideas in writing. Students develop tutoring skills through practice and discussion in a workshop setting.

Core Curriculum Designation(s)

CE - Community Engagement

Repeatable

May be repeated for credit.

Course credits: 0.25

ENGL 110 - Linguistics

Upper Division

An introduction to the scientific study of language. Language as a system: phonetics, phonology, morphology, syntax, semantics and discourse. Language in context: language in relation to history, culture, social class, region, ethnicity, and gender. Language considered biologically: as a uniquely human characteristic, in brain development, first- and second-language acquisition, and in animal communication systems.

Course credits: 1

ENGL 111 - Topics in Linguistics

Upper Division

Study of specialized topics in linguistics. Topics may include language and thought, language acquisition, second-language acquisition, sociolinguistics, and language and literature.

Course credits: 1

ENGL 115 - Chaucer

Upper Division

Studies in the poetry of Chaucer with emphasis on the Canterbury Tales;a study of Chaucer's language directed toward the ability to read the poetry with ease and understanding.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 118 - 20th-Century Literature

Upper Division

Reading and discussion of major works of literature written since 1900. Poetry, fiction, drama or essays included.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 119 - Contemporary Literature

Upper Division

Reading and discussion of contemporary poetry, fiction, drama, or essay, with occasional inclusion of other media.

Course credits: 1

ENGL 120 - The Short Poem

Upper Division

Study of the development of lyric poetry written in English from the 16th century to the present.

Course credits: 1

ENGL 122 - Law and Literature

Upper Division

Intensive study of specific problems in the law and the literature that addresses them. Examples of possible offerings are: Early Modern Drama and the Law; Victorian Literature and the Law; African American Literature and the Law; Contemporary Drama and the Law.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis), AD - American Diversity, TCG - The Common Good

Repeatable

May be repeated as content varies.

Course credits: 1

ENGL 124 - SMPP Assessment

Upper Division

Students in the English Subject-matter Preparation Program are required to register for this course during their senior year. The course assists students in assembling the final version of their portfolio and preparing them for the final assessment interview required by the SMPP.

Course credits: 0.25

ENGL 125 - Film

Upper Division

Viewing and discussion of films with emphasis on theory, history and aesthetics of film.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 126 - Topics in Film

Upper Division

Viewing and discussion of films of a particular genre, country, or director. Examples: American comic film, Japanese film, film noir, films of Hitchcock.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Repeatable

May be repeated as content varies.

Course credits: 1

ENGL 130 - Single Author

Upper Division

Intensive study of the major works of one important author. Some attention to background and biography.

Repeatable

May be repeated as author varies.

Course credits: 1

ENGL 138 - Short Fiction

Upper Division

Close reading of short stories and novellas of the 19th and 20th centuries.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 140 - Studies in Literary Genre

Upper Division

Exploration of a particular literary genre. Examples of possible offerings: satire, tragedy, comedy, memoir, science fiction, detective fiction, Gothic fiction and nature writing.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 141 - Studies in Medieval Literature

Upper Division

Study of British literature through 1500, focusing on the period as a whole or some aspect of it. Examples of possible

offerings: Chaucer and His Contemporaries; Fabliau and Romance; the Arthurian Tradition; Medieval Allegory and Enigma; Women Writers of the Middle Ages.

Course credits: 1

ENGL 142 - Studies in Renaissance and 17th-Century Literature

Upper Division

Study of British literature from 1500 to 1660, focusing on the period as a whole or some aspect of it. Examples of possible offerings: Renaissance Drama Exclusive of Shakespeare; 16th-Century Poetry; 17th-Century Poetry; Prose of the English Renaissance; Renaissance Storytelling.

Course credits: 1

ENGL 143 - Studies in Restoration and 18th-Century Literature

Upper Division

Study of American and/or British literature from 1660-1800, focusing on the period as a whole or some aspect of it. Examples of possible offerings: Tory Satirists; Johnson and His Circle; Pre-Romantic Poetry; the Emergence of the Professional Woman Writer.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 144 - Studies in 19th-Century Literature

Upper Division

Study of American and/or British literature from 1800-1900, focusing on the period as a whole or on some aspect of it. Examples of possible offerings: Romantic Poetry; Victorian Poetry; the Social Problem Novel; Gothic Fiction; the "Woman Question" in the 19th Century.

Course credits: 1

ENGL 150 - American Literature Before 1800

Upper Division

Study of American prose, poetry, and fiction of the 17th and 18th centuries with particular attention to the representation of cultural diversity. Readings may include Native American literature, Puritan journals and poetry, prose by the Founding Fathers, and "domestic" novels by women.

Course credits: 1

ENGL 151 - American Literature 1800-1900

Upper Division

Study of American prose, poetry and fiction of the 19th century from the Transcendentalists to 1900, with particular attention to the representation of cultural diversity. Readings may include the literary traditions of Native Americans, African Americans, immigrants and women.

Course credits: 1

ENGL 152 - 20th-Century American Literature

Upper Division

Study of American prose, poetry and fiction of the 20th century, with particular attention to the representation of cultural diversity. Readings may include writers representing modernism, the Harlem Renaissance, the Jazz Age and the Great Depression, the literary traditions of Chicano-, Hispanic-, and Asian-Americans.

Course credits: 1

ENGL 153 - American Ethnic Writers and Oral Traditions

Upper Division

Study of the literary or oral imaginative achievement of an American ethnic or cultural group such as Native Americans, Asian Americans, American Jews, specific Black cultural groups, Hispanic Americans or Chicano communities.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); AD - American Diversity

Course credits: 1

ENGL 154 - Studies in African-American Literature

Upper Division

Study of some aspect of the African-American literary tradition. Examples of possible offerings are: Oral Tradition and Slave Narratives, African American Novelists, the Harlem Renaissance, Contemporary African American Poets.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); AD - American Diversity

Course credits: 1

ENGL 160 - Development of English Fiction I

Upper Division

Studies in the origin and development of the English novel with attention to foreign influences.

Course credits: 1

ENGL 161 - The English Novel

Upper Division

Studies in the English novel in the 19th and 20th century.

Additional Notes

ENGL 160 is not prerequisite to 161.

Course credits: 1

ENGL 162 - The American Novel

Upper Division

Studies in the range of varieties of the American novel.

Course credits: 1

ENGL 163 - Anglophone Literatures

Upper Division

Studies in literature in English outside the English and American traditions. Examples: the Commonwealth Novel, the African Novel in English, Writers of the Caribbean, and Canadian Literature.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Repeatable

May be repeated as content varies.

Course credits: 1

ENGL 167 - Literary Criticism I

Upper Division

Prerequisites

ENGL 029.

Readings in the development of critical theory from Aristotle to Coleridge.

Course credits: 1

ENGL 168 - Literary Criticism II

Upper Division

Prerequisites

ENGL 029.

Readings in 19th- and 20th-century criticism and aesthetics.

Course credits: 1

ENGL 170 - Problems in Literary Theory

Upper Division

Prerequisites

ENGL 029.

Intensive study of the varying problems in literary theory. Examples of recent course offerings: Metaphor, Symbol and Myth; Philosophy in Literature; Feminist Theory; Post- Colonial Theory.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Repeatable

May be repeated as content varies.

Course credits: 1

ENGL 171 - Literary Movements

Upper Division

Study of groups of writers related by time, place or interest. Examples of possible offerings are: The Metaphysical Poets, Modernism, the Bloomsbury Group, Negritude, American Expatriates, Surrealism, The Pre- Raphaelites.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Repeatable

May be repeated as content varies.

Course credits: 1

ENGL 173 - Women Writers

Upper Division

Intensive study of some aspect of literature by women. Examples of possible topics are: 19th-Century British Novelists; Contemporary Women Poets; and American and Canadian Short Story Writers.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Repeatable

May be repeated as content varies.

Course credits: 1

ENGL 175 - Shakespeare

Upper Division

Close study of selected major plays and poems with attention to developing the ability to read the plays with ease and to experience them with pleasure.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Repeatable

May be repeated as topic varies.

Course credits: 1

ENGL 180 - Milton

Upper Division

Study of the minor poems, of *Paradise Lost* and *Paradise Regained*, and of representative prose works such as the *Areopagitica*. Attention will be given to Milton's life and times.

Course credits: 1

ENGL 182 - The Drama

Upper Division

Study of ancient, modern and contemporary forms of drama. May include film and television. Attention is given to plays as works designed for performance. Emphasis on the structure and forms of dramatic texts.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 183 - Topics in Drama

Upper Division

Intensive study of a group of plays as products of their times and places. Examples of possible offerings are: Theater of the Absurd, Women Playwrights, Mythic Drama, Expressionist Drama, Restoration Drama. The plays are considered as works designed for theatrical production.

Repeatable

May be repeated as topic varies.

Course credits: 1

ENGL 184 - Contemporary Drama

Upper Division

Introduction to current plays by American and British playwrights. Attention is given to plays as works designed for theatrical production.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

ENGL 185 - Individual Dramatist**Upper Division**

Intensive study of the major works of one important dramatist. Some attention to background, biography and criticism, as well as to the plays as works designed for theatrical production.

Repeatable

May be repeated as content varies.

Course credits: 1

ENGL 195 - Internship**Upper Division****Prerequisites**

Permission of the instructor and the department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: Credit may vary

ENGL 196 - Capstone in English**Upper Division****Prerequisites**

ENGL 029.

An advanced seminar and writer's workshop that will culminate in a major research essay in the discipline.

Core Curriculum Designation(s)

WID - With ENGL 029, this course satisfies the Writing in the Disciplines requirement.

Additional Notes

Topics will vary.

Course credits: 1

ENGL 197 - Special Study

Upper Division

Prerequisites

Permission of the instructor and the department chair required.

An independent study or research for students whose needs are not met by courses available in the regular offerings of the Department of English.

Course credits: Credit may vary

ENGL 198 - Senior Honors Thesis (Independent Study)

Upper Division

Prerequisites

Senior standing required. Course admission by application to department chairperson.

Directed reading and research under the supervision of a department faculty member, culminating in the writing of an academic thesis.

Course credits: 1

ENGL 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and the department chair required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: Credit may vary

ENGL 300 - Foundations of Contemporary Literature

Upper Division

This introductory course familiarizes all first-year MFA students with selected core texts in all three of the program's genres. By way of lecture and discussion, the course covers several literary movements and periods and offers approaches to numerous foundational texts, including novels, stories, poems, and essays by Jane Austen, Ralph Waldo Emerson, Walt Whitman, James Joyce, T.S. Eliot, Virginia Woolf, Isak Dinesen, James Baldwin, Sylvia Plath, and Raymond Carver, among others.

Course credits: 3

ENGL 301 - Creative Nonfiction Workshop

Upper Division

This course gives students the opportunity to explore material in various areas of creative nonfiction, such as memoir, personal essay, or travel writing. The course addresses issues of voice, scene, point of view, and theme, as well as any other elements of nonfiction writing that emerge from individual manuscripts. By the end of the course, students should

develop the terminology and the critical skills for revising creative nonfiction, and should develop a good understanding about issues and trends in the genre.

Course credits: 5

ENGL 302 - Creative Nonfiction Workshop

Upper Division

This course gives students the opportunity to explore material in various areas of creative nonfiction, such as memoir, personal essay, or travel writing. The course addresses issues of voice, scene, point of view, and theme, as well as any other elements of nonfiction writing that emerge from individual manuscripts. By the end of the course, students should develop the terminology and the critical skills for revising creative nonfiction, and should develop a good understanding about issues and trends in the genre.

Course credits: 5

ENGL 303 - Creative Nonfiction Workshop

Upper Division

This course gives students the opportunity to explore material in various areas of creative nonfiction, such as memoir, personal essay, or travel writing. The course addresses issues of voice, scene, point of view, and theme, as well as any other elements of nonfiction writing that emerge from individual manuscripts. By the end of the course, students should develop the terminology and the critical skills for revising creative nonfiction, and should develop a good understanding about issues and trends in the genre.

Course credits: 5

ENGL 304 - Creative Nonfiction Workshop

Upper Division

This course gives students the opportunity to explore material in various areas of creative nonfiction, such as memoir, personal essay, or travel writing. The course addresses issues of voice, scene, point of view, and theme, as well as any other elements of nonfiction writing that emerge from individual manuscripts. By the end of the course, students should develop the terminology and the critical skills for revising creative nonfiction, and should develop a good understanding about issues and trends in the genre.

Course credits: 5

ENGL 311 - Tutorial in Creative Nonfiction

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 312 - Tutorial in Creative Nonfiction

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 313 - Tutorial in Creative Nonfiction

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 314 - Tutorial in Creative Nonfiction

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 321 - Fiction Workshop

Upper Division

This course is an intensive exploration of the ideas, techniques and forms of fiction with a primary emphasis on the careful analysis and discussion of student works-in-progress. Students grapple with questions of voice, point of view, dramatic movement, structure, rhythm and imagery, as well as with any and all issues of art and craft that arise from individual manuscripts. By the end of the course, students should develop the terminology and the critical skills for revising fiction, and should develop a good understanding about issues and trends in the genre.

Course credits: 5

ENGL 322 - Fiction Workshop

Upper Division

This course is an intensive exploration of the ideas, techniques and forms of fiction with a primary emphasis on the careful analysis and discussion of student works-in-progress. Students grapple with questions of voice, point of view, dramatic movement, structure, rhythm and imagery, as well as with any and all issues of art and craft that arise from individual manuscripts. By the end of the course, students should develop the terminology and the critical skills for revising fiction, and should develop a good understanding about issues and trends in the genre.

Course credits: 5

ENGL 323 - Fiction Workshop

Upper Division

This course is an intensive exploration of the ideas, techniques and forms of fiction with a primary emphasis on the careful analysis and discussion of student works-in-progress. Students grapple with questions of voice, point of view, dramatic movement, structure, rhythm and imagery, as well as with any and all issues of art and craft that arise from individual manuscripts. By the end of the course, students should develop the terminology and the critical skills for revising fiction, and should develop a good understanding about issues and trends in the genre.

Course credits: 5

ENGL 324 - Fiction Workshop

Upper Division

This course is an intensive exploration of the ideas, techniques and forms of fiction with a primary emphasis on the careful analysis and discussion of student works-in-progress. Students grapple with questions of voice, point of view, dramatic movement, structure, rhythm and imagery, as well as with any and all issues of art and craft that arise from individual manuscripts. By the end of the course, students should develop the terminology and the critical skills for revising fiction, and should develop a good understanding about issues and trends in the genre.

Course credits: 5

ENGL 331 - Tutorial in Fiction

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 332 - Tutorial in Fiction

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 333 - Tutorial in Fiction

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 334 - Tutorial in Fiction

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 341 - Poetry Workshop

Upper Division

The primary aim of this course is to allow students as much freedom as possible in their writing while teaching the skills to identify their strengths and weaknesses. The most important work for students is to locate their style or voice, with encouragement to produce at least one new poem per week. By the end of the course, students should develop the terminology and critical skills for revising poetry, and should develop a good understanding about issues and trends in the genre. Students may also be encouraged to write a poetic statement in which they analyze their own poems-with particular attention to their development over the semester.

Course credits: 5

ENGL 342 - Poetry Workshop

Upper Division

The primary aim of this course is to allow students as much freedom as possible in their writing while teaching the skills to identify their strengths and weaknesses. The most important work for students is to locate their style or voice, with encouragement to produce at least one new poem per week. By the end of the course, students should develop the terminology and critical skills for revising poetry, and should develop a good understanding about issues and trends in the genre. Students may also be encouraged to write a poetic statement in which they analyze their own poems-with particular attention to their development over the semester.

Course credits: 5

ENGL 343 - Poetry Workshop

Upper Division

The primary aim of this course is to allow students as much freedom as possible in their writing while teaching the skills to identify their strengths and weaknesses. The most important work for students is to locate their style or voice, with encouragement to produce at least one new poem per week. By the end of the course, students should develop the terminology and critical skills for revising poetry, and should develop a good understanding about issues and trends in the genre. Students may also be encouraged to write a poetic statement in which they analyze their own poems-with particular attention to their development over the semester.

Course credits: 5

ENGL 344 - Poetry Workshop

Upper Division

The primary aim of this course is to allow students as much freedom as possible in their writing while teaching the skills to identify their strengths and weaknesses. The most important work for students is to locate their style or voice, with encouragement to produce at least one new poem per week. By the end of the course, students should develop the terminology and critical skills for revising poetry, and should develop a good understanding about issues and trends in the genre. Students may also be encouraged to write a poetic statement in which they analyze their own poems-with particular attention to their development over the semester.

Course credits: 5

ENGL 351 - Tutorial in Poetry

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 352 - Tutorial in Poetry

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 353 - Tutorial in Poetry

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 354 - Tutorial in Poetry

Upper Division

Students meet over the course of the semester with the workshop instructor for individual sessions to review strengths

and areas for revision of manuscripts. The instructor suggests additional reading, ideas for revision, writing exercises, and specific areas where a student might improve their craft.

Course credits: 1

ENGL 361 - Contemporary Creative Nonfiction

Upper Division

This course is a literary survey of contemporary nonfiction, including the personal essay and narrative nonfiction. Students investigate the relationship between art and culture, between the writer and their society. The course places special emphasis on formal analysis of themes and patterns in contemporary writing. Writers likely to be included are Jo Ann Beard, Joan Didion, Dave Eggers, Lucy Grealy, Pico Iyer, Mary Karr, Philip Lopate, Richard Rodriguez, Terry Tempest Williams, and Tobias Wolff, among others.

Course credits: 3

ENGL 362 - Contemporary Fiction

Upper Division

A careful study of a range of important works by contemporary writers of novels and short stories with attention to thematic and formal analysis. Writers likely to be included are Martin Amis, Margaret Atwood, Michael Cunningham, Don DeLillo, Nadine Gordimer, Louise Erdrich, Carole Maso, Toni Morrison, Alice Munro, Joyce Carol Oates, and John Edgar Wideman, among others.

Course credits: 3

ENGL 363 - Contemporary Poetry

Upper Division

This course examines a variety of different trends in contemporary poetry and enables students to distinguish between some of the most important voices. The course is likely to explore the relations between contemporary poets and some of their precursors with an eye toward how these writers have affected such post-World War II movements as the confessional school, the beats, open field, the New York School, the Black Arts Movement, and the Language poets. It also considers the poetry of the present day in which there is less of a consensus as to which poets, trends or schools are central.

Course credits: 3

ENGL 365 - Internship

Upper Division

Students have the opportunity to pursue internships either for elective credit or as an extracurricular activity during their second year of study, specializing in publishing, teaching, and community engagement for writers.

Course credits: 3

ENGL 365-1 - Teaching

Upper Division

The Teaching Internship allows students to observe the conduct of a college course and to share the pedagogical activity of the supervising instructor. The student works with a mentor teacher from the English Department and assists with an undergraduate course in composition, creative writing, or literature. The student attends each course session and shares responsibility for instructing the class and responding to students' written work. Teaching internships are only available to second-year students.

Course credits: 1

ENGL 365-2 - MARY Journal Publishing

Upper Division

Students learn about small press internet publishing by working on MARY: a journal of new writing, the MFA in Creative Writing's web publication. Students assist with various elements of publication, such as administration, editing, layout, publicity, and advertising.

Course credits: 1

ENGL 365-4 - Wave Editorial

Upper Division

Students work with Wave Books Senior Editor and MFA faculty Matthew Zapruder on editorial projects related to books, as well as other curatorial activities. Depending on what the Wave editors are working on during the time of the internship, interns may assist in various ways with current, special, or future publishing projects. Interns also work on a public event that features Wave authors. Finally, interns have the opportunity to conduct interviews and write reviews with Wave authors, for possible publication. Wave Books publishes 8-10 books per year, mostly poetry but also books of translation or prose by poets, specializing in the work of mid-career authors.

Course credits: 1

ENGL 365-5 - Community Engagement

Upper Division

Saint Mary's College defines service learning as a specific form of teaching and learning which students engage in purposeful actions that address community goals. Through critical reflection students integrate the action with academic objectives to develop civic responsibility and social justice.

Students will work with a community organization to develop, implement, and assess a program and/or written product that meet the specific goals/needs of the agency. Students have the opportunity to work with established community partners of the College or to design their own service learning opportunity with an outside organization they are already involved in.

Additional Notes

Selected students will participate in an orientation and meet once per month in a classroom setting to discuss assigned readings and complete reflection and in-class writing exercises. Students will also complete an impact statement and a creative culminating project in the form of an anthology, blog, or some other approved project.

Course credits: 1

ENGL 371 - Craft Seminar in Creative Nonfiction

Upper Division

This course focuses on issues that influence the writing of nonfiction. Some seminars may focus on issues of craft of aesthetics-narrative structure, point of view, or dialogue-and others may be thematic in nature or explore a subgenre of nonfiction-personal essay, memoir, nature writing, travel writing, humor, book review, historical narrative, biography, etc. Readings may include a wide range of nonfiction from diverse backgrounds and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 372 - Craft Seminar in Creative Nonfiction

Upper Division

This course focuses on issues that influence the writing of nonfiction. Some seminars may focus on issues of craft of aesthetics-narrative structure, point of view, or dialogue-and others may be thematic in nature or explore a subgenre of nonfiction-personal essay, memoir, nature writing, travel writing, humor, book review, historical narrative, biography, etc. Readings may include a wide range of nonfiction from diverse backgrounds and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 373 - Craft Seminar in Creative Nonfiction

Upper Division

This course focuses on issues that influence the writing of nonfiction. Some seminars may focus on issues of craft of aesthetics-narrative structure, point of view, or dialogue-and others may be thematic in nature or explore a subgenre of nonfiction-personal essay, memoir, nature writing, travel writing, humor, book review, historical narrative, biography, etc. Readings may include a wide range of nonfiction from diverse backgrounds and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 374 - Craft Seminar in Creative Nonfiction

Upper Division

This course focuses on issues that influence the writing of nonfiction. Some seminars may focus on issues of craft of aesthetics-narrative structure, point of view, or dialogue-and others may be thematic in nature or explore a subgenre of nonfiction-personal essay, memoir, nature writing, travel writing, humor, book review, historical narrative, biography, etc. Readings may include a wide range of nonfiction from diverse backgrounds and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 381 - Craft Seminar in Fiction

Upper Division

This course focuses on issues that influence the writing of fiction. Some seminars may focus on issues of craft or aesthetics-narrative structure in the novel, point of view, or dialogue-and others may be thematic in nature-historical fiction, realism, or the postmodern ethos. Readings may include a wide range of fiction from diverse backgrounds and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 382 - Craft Seminar in Fiction

Upper Division

This course focuses on issues that influence the writing of fiction. Some seminars may focus on issues of craft or aesthetics-narrative structure in the novel, point of view, or dialogue-and others may be thematic in nature-historical fiction, realism, or the postmodern ethos. Readings may include a wide range of fiction from diverse backgrounds and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 383 - Craft Seminar in Fiction

Upper Division

This course focuses on issues that influence the writing of fiction. Some seminars may focus on issues of craft or aesthetics-narrative structure in the novel, point of view, or dialogue-and others may be thematic in nature-historical fiction, realism, or the postmodern ethos. Readings may include a wide range of fiction from diverse backgrounds and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 384 - Craft Seminar in Fiction

Upper Division

This course focuses on issues that influence the writing of fiction. Some seminars may focus on issues of craft or aesthetics-narrative structure in the novel, point of view, or dialogue-and others may be thematic in nature-historical fiction, realism, or the postmodern ethos. Readings may include a wide range of fiction from diverse backgrounds and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 391 - Craft Seminar in Poetry

Upper Division

This course focuses on issues that influence the writing of poetry. Some seminars may focus on issues of craft or aesthetics-figuration, the line, the sentence, or open field theory-and others will be thematic in nature-politics and poetics, psychoanalysis and surrealism, ecopoetics, etc. Readings may include a wide range of poetry from diverse sources and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 392 - Craft Seminar in Poetry

Upper Division

This course focuses on issues that influence the writing of poetry. Some seminars may focus on issues of craft or aesthetics-figuration, the line, the sentence, or open field theory-and others will be thematic in nature-politics and poetics, psychoanalysis and surrealism, ecopoetics, etc. Readings may include a wide range of poetry from diverse sources and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 393 - Craft Seminar in Poetry

Upper Division

This course focuses on issues that influence the writing of poetry. Some seminars may focus on issues of craft or aesthetics-figuration, the line, the sentence, or open field theory-and others will be thematic in nature-politics and poetics, psychoanalysis and surrealism, ecopoetics, etc. Readings may include a wide range of poetry from diverse sources and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 394 - Craft Seminar in Poetry

Upper Division

This course focuses on issues that influence the writing of poetry. Some seminars may focus on issues of craft or aesthetics-figuration, the line, the sentence, or open field theory-and others will be thematic in nature-politics and poetics, psychoanalysis and surrealism, ecopoetics, etc. Readings may include a wide range of poetry from diverse sources and historical periods as well as the students' own works-in-progress.

Course credits: 3

ENGL 400 - Thesis

Upper Division

During the spring semester of the second year each MFA candidate is required to pursue a tutorial course of study under the direction of an assigned faculty writer in the student's genre. Through this tutorial, the student performs the revision necessary to turn two years of writing into a coherent, polished creative thesis: a collection of essays, poems, or short stories; a novel, a memoir, or other work of nonfiction. Students meet with their thesis director several times during the semester to confer on the following aspects of the thesis: final revision and editing of individual pieces to be included in the manuscript, selection and arrangement of material, and coherence of the work as a whole. The student takes an oral examination with the thesis director and second reader in order to assess the student's knowledge of contemporary literary aesthetics and how they relate to the student's work. Upon satisfactory completion of the thesis and the oral exam, the thesis director and second reader approve the thesis.

Course credits: 0

ENGL 400-01 - Fiction Thesis

Upper Division

During the spring semester of the second year each MFA candidate is required to pursue a tutorial course of study under the direction of an assigned faculty writer in the student's genre. Through this tutorial, the student performs the revision necessary to turn two years of writing into a coherent, polished creative thesis: a collection of essays, poems, or short stories; a novel, a memoir, or other work of nonfiction. Students meet with their thesis director several times during the semester to confer on the following aspects of the thesis: final revision and editing of individual pieces to be included in the manuscript, selection and arrangement of material, and coherence of the work as a whole. The student takes an oral examination with the thesis director and second reader in order to assess the student's knowledge of contemporary literary aesthetics and how they relate to the student's work. Upon satisfactory completion of the thesis and the oral exam, the thesis director and second reader approve the thesis.

Course credits: 0

ENGL 400-02 - Poetry Thesis

Upper Division

During the spring semester of the second year each MFA candidate is required to pursue a tutorial course of study under the direction of an assigned faculty writer in the student's genre. Through this tutorial, the student performs the revision necessary to turn two years of writing into a coherent, polished creative thesis: a collection of essays, poems, or short stories; a novel, a memoir, or other work of nonfiction. Students meet with their thesis director several times during the semester to confer on the following aspects of the thesis: final revision and editing of individual pieces to be included in the manuscript, selection and arrangement of material, and coherence of the work as a whole. The student takes an oral examination with the thesis director and second reader in order to assess the student's knowledge of contemporary literary aesthetics and how they relate to the student's work. Upon satisfactory completion of the thesis and the oral exam, the thesis director and second reader approve the thesis.

Course credits: 0

ENGL 400-03 - Creative Nonfiction Thesis

Upper Division

During the spring semester of the second year each MFA candidate is required to pursue a tutorial course of study under the direction of an assigned faculty writer in the student's genre. Through this tutorial, the student performs the revision necessary to turn two years of writing into a coherent, polished creative thesis: a collection of essays, poems, or short stories; a novel, a memoir, or other work of nonfiction. Students meet with their thesis director several times during the semester to confer on the following aspects of the thesis: final revision and editing of individual pieces to be included in the manuscript, selection and arrangement of material, and coherence of the work as a whole. The student takes an oral examination with the thesis director and second reader in order to assess the student's knowledge of contemporary literary aesthetics and how they relate to the student's work. Upon satisfactory completion of the thesis and the oral exam, the thesis director and second reader approve the thesis.

Course credits: 0

ENGL 401-2 - The Writer in the World: New Perspectives on Writing

Upper Division

English 401-2 is a year-long Graduate Level course (1.5 credits per semester, 3 credits total) for all 1st-year MFA students. Over the course of the year, students will attend a year-long series of readings, craft talks, master classes led

by writers, scholars, and editors, and will participate in student-centered discussions. In addition to sharing their own work and scholarship, the series' speakers will address topics relevant to the three genres of the MFA Program (creative nonfiction, fiction, and poetry), as well as discuss what it means to be a "writer in the world"-one who balances a creative writing life with the demands of the profession.

Course credits: 1.5

Environmental and Earth Science - Lower Division

EES 040 - Physical Geology

Lower Division

Nature and distribution of earth materials, the processes by which the materials are formed and altered, and the nature and development of the earth.

Lecture and/or Lab Hours

Lab

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Term Offered

The introductory course in the earth science sequence offered every fall term.

Fee

Lab fee \$175.

Course credits: 1

EES 050 - Historical Geology

Lower Division

Principles of interpretation of earth history. Study of plate tectonics and sea-floor spreading as related to the development of continents, ocean basins and mountain belts. Origin, evolution and diversification of life through time.

Lecture and/or Lab Hours

Lab

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Term Offered

The second introductory course in the earth science sequence offered in the spring term.

Fee

Lab fee \$175

Course credits: 1

EES 060 - Urban Environmental Issues

Lower Division

A general education science course that serves the ESS program as a lower division chemistry course. This course focuses on the environmental issues of redevelopment of Superfund sites. The course has been taught as a learning community linking it with another sociology course. This Learning Community has had a significant community outreach component studying the redevelopment of Alameda Point, formerly NAS Alameda. The chemistry curriculum is presented in context evaluating the environmental risks and the technologies applied to clean up the site.

Core Curriculum Designation(s)

CE - Community Engagement; SU - Scientific Understanding (with Lab)

Fee

Lab fee \$175.

Course credits: 1

EES 092 - Introduction to Environmental Science

Lower Division

The entry level course reviewing the field. Physical, chemical, biological, geological and cultural dimensions of environmental problems are examined in this course. It surveys the historical roots of these problems, then considers components such as population pressure, air and water pollution, global change, desertification, deforestation et al. An introduction to ecological principles is provided.

Lecture and/or Lab Hours

Lab

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab); TCG - The Common Good

Fee

Lab fee \$175

Course credits: 1

EES 094 - Sustainable Living

Lower Division

This course accommodates the Green Living-Learning Community and addresses specific ecological, social and economic topics from a sustainability framework. These issues will be looked through both temporal (short-term, long-term) and spatial (local, global) lenses and serve as a background for developing skills in stakeholder engagement, systems thinking, indicator development, decision making under uncertainty and change management.

Additional Notes

Students must be living in the Green LLC in South Claey's. This course is 0.25 credit, earned after completing both the fall and spring semester. Corequisite: Living in Green LLC membership.

Course credits: 0.25

Environmental and Earth Science - Upper Division

EES 100 - Hydrology

Upper Division

Prerequisites

MATH 004 or MATH 013 or MATH 027.

The hydrologic cycle, from precipitation, evapotranspiration, infiltration and runoff, to surface and groundwater. Hydrograph analysis, stream gaging and discharge determination. Groundwater occurrence, movement and evaluation. Hydrologic regions of U.S., emphasizing the western states.

Lecture and/or Lab Hours

Lab and field trip(s).

Fee

Lab fee \$175

Course credits: 1

EES 110 - Introduction to GIS/Remote Sensing

Upper Division

Use of Geographic Information Systems (GIS) for interpretation of spatial data and preparation of maps. Display and manipulation of vector and raster data, including point locations, street maps, boundaries and satellite images. Map scale, projections, and coordinate transformations. Basic database queries. Principles of Global Positioning Systems (GPS). The course will include examples from several disciplines. Lab and field trips.

Lecture and/or Lab Hours

Lab

Fee

Lab fee \$175

Course credits: 1

EES 120 - Sustainability

Upper Division

Prerequisites

ENGL 005.

This course introduces students to the important field of sustainability, which studies how society might shift direction toward a thriving, equitable, just, and desirable future. Surveying the full range of environmental issues, the course brings systems thinking, resilience, and other tools to bear on these problems, giving students theoretical and practical tools to apply to their own lives, communities, and possible future careers as sustainability professionals.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

EES 140 - Environmental Geology/Natural Disasters

Upper Division

Prerequisites

EES 040 or EES 050 or permission of instructor.

The interaction between geologic processes and human society. Topics include rock, mineral, water, and energy resources, volcanic hazards, earthquakes, landslides, floods, erosion, coastal processes, plate tectonics, geologic time, pollution problems and environmental management.

Lecture and/or Lab Hours

Lab.

Fee

Lab fee \$175

Course credits: 1

EES 150 - Environmental and Physical Geology of the Parks

Upper Division

Prerequisites

EES 040 or EES 050 or permission of instructor.

This course explores both the geologic processes that have shaped the parks and the environmental issues that created a need to manage public lands and that affect the parks today. The laboratory for this course includes field trips to several local national, state, and regional parks, including two overnight camping trips to experience these topics firsthand.

Lecture and/or Lab Hours

Lab and field trips.

Core Curriculum Designation(s)

AD - American Diversity

Fee

Lab fee \$175

Course credits: 1

EES 160 - Earth Materials

Upper Division

Prerequisites

CHEM 008 and CHEM 009 and EES 040, or permission of instructor.

Principles of mineralogy, crystal symmetry, structure and chemistry. Characteristics, phase relations, and origin of igneous and metamorphic rocks. Plate-tectonic setting of magmatism and metamorphism. Laboratory emphasizes physical properties and identification of minerals and rocks in hand sample and thin section. The key course requirement for a major.

Lecture and/or Lab Hours

Lab.

Fee

Lab fee \$175

Course credits: 1

EES 175 - Wetlands**Upper Division**

Wetlands was designed to enable non-science major students to experience science as a way of knowing. Students study the environmental and organismal characteristics of various ecosystems which have soil covered with water at least part of the year. They study the biotic and abiotic factors that make wetlands unique. By examining the hydrology and biogeochemistry of fresh and salt water marshes, swamps, mangroves, bogs, vernal pools and peatlands, students come to understand the ecological and economic values of wetlands and about the threat to their continued existence.

Fee

Lab fee \$175.

Course credits: 1

EES 180 - Sedimentology and Stratigraphy**Upper Division****Prerequisites**

EES 040 or EES 160 or equivalent or permission of instructor.

Depositional systems and sedimentary processes. Facies models, succession, age relationships and correlation of strata. Petrology and provenance of sedimentary rocks.

Lecture and/or Lab Hours

Lab and field trips.

Fee

Lab fee \$175

Course credits: 1

EES 185 - Geologic Field Methods**Upper Division****Prerequisites**

EES 040 and two upper-division courses or permission of the instructor.

Introduction to geologic field methods and instruments, use of aerial photographs and topographic maps in geologic mapping, preparation of geologic maps of local areas.

Lecture and/or Lab Hours

One hour lecture, six hours field.

Term Offered

Summer Session offering.

Course credits: 1

EES 190 - Structural and Regional Geology

Upper Division

Prerequisites

EES 040 or permission of instructor.

Geometric, kinematic and dynamic analysis of structures of igneous, sedimentary and metamorphic rocks. Laboratory emphasis on descriptive geometry and stereographic solutions to structural problems; geologic maps and structure sections.

Lecture and/or Lab Hours

Lab and field trips.

Course credits: 1

EES 195 - Internship

Upper Division

Prerequisites

Permission of an instructor/mentor of record and the department chair are required.

This course is open only to our majors and is typically taken by a junior or senior student who wishes to advance their education with related work experience and is maintaining at least a 2.5 GPA. In addition to the internship hours (6-8 hours per week) outside research and a term project are required.

Course credits: 1

EES 196 - Senior Project

Upper Division

Prerequisites

Permission of an instructor/mentor of record and the department chair are required.

This is a capstone course for our majors and is typically completed in a student's senior year that requires students to move from a more theoretical understanding of environmental/earth science to the integration of concepts and material from within their entire course of study. Typically students will propose and carry out an independent research project in their area of interest, under the mentorship/council of a faculty member.

Course credits: 0.25

EES 197 - Independent Study

Upper Division

Prerequisites

Permission of the instructor/mentor and the department chair are required.

An independent study or research project course open only to our majors, typically taken during junior or senior year. Students plan and carry out environmental science research with a faculty mentor.

Fee

Laboratory fee, when appropriate is \$175.

Course credits: 1

Ethnic Studies - Lower Division

ES 001 - Introduction to Ethnic Studies

Lower Division

This course provides an introduction to the complex nature of racial and ethnic populations in the United States. It seeks to understand the diverse traditions and cultures of the people of the United States in order to gain an appreciation for American diversity. It offers a critical understanding of the origins and impacts of settler colonialism, conquest, slavery, war and immigration on the development of the U.S. We will examine the ways in which race and ethnicity intersect with gender, class, sexuality, citizenship and nationality in order to better understand how systems of power and inequality are constructed, reinforced and challenged.

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good

Course credits: 1

ES 050 - Creating Community: Introduction to Skills for Building a Socially Just Society

Lower Division

In a multicultural society, discussion about issues of conflict and community are needed to facilitate understanding between social/cultural groups. This course is designed to prepare students to develop leadership skills that take into account the historical and contemporary dynamics of power and privilege in order to build democratic and transformative communities. We will explore informed, meaningful interpersonal and community dialogue in situations where such understanding and listening are needed. We will discuss relevant reading material about these issues in our social history and will explore our own and other's identities and experiences in a variety of social and institutional contexts. We will focus on issues of social justice and the common good, and how to address them through community engagement. The goal of this course is to create a setting in which students engage in open and constructive dialogue, learning, and exploration of intergroup relations, conflict and community building.

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good

Course credits: 1

Ethnic Studies - Upper Division

ES 100 - Special Topics in Ethnic Studies

Upper Division

This selected topic course provides students with the opportunity to explore, in depth, a selected theme or issue in the field of Ethnic Studies not covered by the regular offerings of the department.

Repeatable

May be repeated as content varies.

Course credits: 1

ES 101 - Critical Race Theory

Upper Division

Prerequisites

One of the following: ES 001, SOC 002, SOC 004, WGS 001, or permission of instructor.

This course engages critical race theory as an explanatory critical framework, method and pedagogy for analyzing race and racism in the U.S. and that works toward identifying and challenging racism within institutional contexts.

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good

Course credits: 1

ES 102 - Youth Cultures, Identities and New Ethnicities

Upper Division

Prerequisites

One of the following: ES 001, SOC 002, SOC 004, WGS 001, or permission of instructor.

This course is an introduction to the field of Critical Youth Studies that discusses the social constructions of youth culture and identity across time, space and social historical movements. The course focuses upon key concepts and theories of youth that intersect across social positions (i.e., race, gender, sexuality, class and ethnicity) in the U.S.

Course credits: 1

ES 195 - Special Study Internship

Upper Division

Prerequisites

Sponsorship by an Ethnic Studies faculty member and approval of the Program Director is required.

This course is usually taken by an upper-division student who wishes to complete their education with related work experience and is maintaining at least a C average. In addition to work experience (6-8 hours per week), outside

research and a term project are usually required.

Course credits: 1

ES 196 - Capstone Course

Upper Division

Prerequisites

One of the following: ES 001, SOC 002, SOC 004, WGS 001, and at least two upper division Ethnic Studies elective courses.

This course entails discussion, independent study, research and analysis culminating in the production of a senior thesis in a chosen area within Ethnic Studies.

Additional Notes

Open to seniors; juniors may enroll with consent of instructor.

Course credits: 1

ES 197 - Special Study

Upper Division

Prerequisites

Permission of the Program Director is required.

An independent study or research course for students whose needs are not met by the regular course offerings of the program.

Course credits: 1

ES 199 - Special Study - Honors

Upper Division

Prerequisites

Permission of the Program Director is required.

An independent study or research for majors with at least a B average in Ethnic Studies.

Course credits: 1

French - Lower Division

FREN 001 - Elementary French

Lower Division

For students with no prior knowledge of French. With instruction in basic grammar structures and communication strategies, students begin to develop listening, speaking, reading and writing skills.

Course credits: 1

FREN 002 - Continuing Elementary French

Lower Division

Prerequisites

FREN 001 or equivalent.

For students with one or two years of secondary study of French (or the equivalent). This course continues the development of listening, speaking, reading and writing, emphasizing conversation on everyday topics.

Course credits: 1

FREN 003 - Intermediate French

Lower Division

Prerequisites

FREN 002 or equivalent.

For students with two or three years of secondary study of French (or the equivalent). This course continues the development of listening, speaking, reading and writing, fostering confidence in conversation and composition across a variety of subjects.

Course credits: 1

FREN 004 - Continuing Intermediate French

Lower Division

Prerequisites

FREN 003 or the equivalent.

For students with three or four years of secondary study of French (or the equivalent). This course offers an abbreviated review of primary structures and concentrates heavily on developing communicative ability through readings, music and visual resources. For students who have completed an overview of basic grammar and are ready to combine and apply their language skills in most settings.

Term Offered

Offered only in the spring semester.

Course credits: 1

FREN 005 - Introduction to French Studies

Lower Division

Prerequisites

FREN 004 or equivalent.

This course prepares students for upper-division work by developing fluency in speaking and writing. Curriculum includes study and discussion of selected texts by francophone authors from a wide range of traditions; discussion and debate of contemporary issues; written composition. A sound knowledge of French grammar is expected although particular features of the language are reviewed. Required for French majors and minors. Also open to students from other disciplines who wish to improve their mastery of the language.

Core Curriculum Designation(s)

GP - Global Perspectives

Term Offered

Offered only in the fall semester.

Course credits: 1

FREN 006 - Beginning/Intermediate Conversation

Lower Division

Conversational practice for students enrolled in first- or second-year French.

Lecture and/or Lab Hours

Meets once a week.

Repeatable

May be repeated for credit.

Course credits: 0.25

FREN 015 - Phonetics

Lower Division

A practical course designed to instill correct pronunciation habits early in the student's career. Required for all majors and minors, except by special exemption.

Course credits: 0.25

FREN 017 - Introduction to Business French

Lower Division

For students with a minimum of one year of high school French or the equivalent. The course familiarizes students with French business practices and vocabulary, aspects of the French economy, and cultural differences between France and the U.S. By building on students' knowledge of the language, the course develops the practical communication and comprehension skills needed to interact in French in professional situations.

Lecture and/or Lab Hours

Class meets one-and-a-half hours weekly.

Course credits: 0.25

FREN 060 - French Civilization for Travel Courses

Lower Division

In preparation for study in France, students are required to take this course on the history, geography and political structures of France.

Course credits: 0.25

FREN 081 - Elementary French Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in FREN 001.

Required praxis to accompany FREN 001.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

FREN 082 - Continuing Elementary French Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in FREN 002.

Required praxis to accompany FREN 002.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

FREN 083 - Intermediate French Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in FREN 003.

Required praxis to accompany FREN 003.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

FREN 084 - Continuing Intermediate French Praxis

Lower Division**Concurrently**

Must be enrolled concurrently in FREN 004.

Required praxis to accompany FREN 004.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

FREN 085 - Introduction to French Studies Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in FREN 005.

Required praxis to accompany FREN 005.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

French - Upper Division**FREN 100 - French Literary Perspectives****Upper Division****Prerequisites**

FREN 004 and/or FREN 005, or the equivalent.

This course requires close reading of literary texts with attention to historical context and various cultural lenses. The course emphasizes extensive reading and writing about literature, including theoretical texts of literary criticism. Required of majors and minors.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Term Offered

Offered only in the spring semester.

Course credits: 1

FREN 101 - Advanced French Syntax and Composition**Upper Division**

This course focuses on essential aspects of French syntax and on developing composition skills. Translation techniques

and analysis of model texts serve as a means of improving self-expression and written communication.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

FREN 103 - Advanced Composition and Stylistics

Upper Division

Using literary texts as a point of departure, this course concentrates on stylistics in order to help students perfect their own writing style in French.

Course credits: 1

FREN 104 - Workshop in Translation

Upper Division

Introduction to the linguistic and aesthetic problems of translation, with emphasis on learning through practice. Focus on various kinds of texts, both literary and technical. Equal emphasis given to translating from French into English (version) and from English into French (thème).

Course credits: 1

FREN 106 - Advanced Conversation

Upper Division

Open to students with at least two years of French.

Lecture and/or Lab Hours

Meets once a week.

Repeatable

May be repeated for credit.

Course credits: 0.25

FREN 121 - French Literature: Middle Ages to the Renaissance

Upper Division

Readings in medieval epic poems (chansons de geste), lyric poetry and courtly novels; early religious and secular theater; first historians; major writers of the Renaissance: (Rabelais, Montaigne, Marguerite de Navarre, poets of the Pléiade).

Course credits: 1

FREN 122 - French Literature: Seventeenth and Eighteenth Centuries

Upper Division

Study of the great writers of the age of Classicism: plays by Corneille, Molière and Racine; the fables of La Fontaine; the ideas of Descartes and Pascal; Mme de Lafayette and the birth of the psychological novel; introduction to the great philosophers of the Age of Enlightenment: Montesquieu, Voltaire, Diderot, Rousseau. The theater of Marivaux and Beaumarchais; preromanticism in the novel.

Course credits: 1

FREN 123 - French Literature: Nineteenth and Twentieth Centuries

Upper Division

The principal literary movements of the 19th century: romanticism and symbolism in poetry and drama, realism and naturalism in the novel and short story; development of the 20th-century novel, from Proust to the nouveau roman; trends in modern drama, poetry and philosophy.

Course credits: 1

FREN 129 - French Literature Outside Europe

Upper Division

Literature and culture of French-speaking Africa, Canada and the Antilles.

Repeatable

May be repeated as content varies.

Course credits: 1

FREN 130 - Thematic and Stylistic Study of a Single French Author or Genre

Upper Division

Thematic and Stylistic Study of a Single French Author or Genre

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Repeatable

May be repeated as content varies.

Course credits: 1

FREN 131 - Exploration of a Particular Literary School or Period in French Literature

Upper Division

Offered according to student interest.

Repeatable

May be repeated as content varies.

Course credits: 1

FREN 150 - Culture and Civilization of France

Upper Division

A study of the relationship between the rich culture of France and its turbulent history. Attention is given to the interchange between artistic or literary expression and the political process.

Course credits: 1

FREN 170 - Business French

Upper Division

Commercial French for students interested in international business and finance. Students who complete this course successfully are prepared to take the internationally recognized Paris Chamber of Commerce examination, the Certificat Pratique.

Course credits: 1

FREN 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: Credit may vary

FREN 196 - Capstone

Upper Division

Required of all French majors in the spring of their senior year. This course is designed to help seniors assess and integrate the knowledge they have acquired through their courses in French.

Course credits: 0.25

FREN 197 - Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or research course for students whose special needs cannot be met by regular courses offered by

the department.

Course credits: Credit may vary

FREN 198 - Honors Essay

Upper Division

An independent research project for senior French majors completing the Honors program, Option B.

Course credits: 0.25

FREN 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or research course for senior French majors with a B average in French.

Course credits: Credit may vary

German - Lower Division

GERM 001 - Elementary German

Lower Division

For students with no prior knowledge of German. With instruction in basic grammar structures and communication strategies, students begin to develop listening, speaking, reading and writing skills.

Course credits: 1

GERM 002 - Continuing Elementary German

Lower Division

Prerequisites

GERM 001 or equivalent.

For students with one or two years of secondary study of German (or the equivalent). This course continues the development of listening, speaking, reading and writing emphasizing conversation on everyday topics.

Course credits: 1

GERM 003 - Intermediate German

Lower Division

Prerequisites

GERM 002 or the equivalent.

For students with two or three years of secondary study of German (or the equivalent). This course continues the development of listening, speaking, reading and writing, fostering confidence in conversation and compositions across a variety of subjects.

Course credits: 1

GERM 004 - Continuing Intermediate German**Lower Division****Prerequisites**

GERM 003 or the equivalent.

For students with three or four years of secondary study of German (or the equivalent). This course offers an abbreviated review of primary structures and concentrates heavily on developing communicative ability through readings, music and visual resources. For students who have completed an overview of basic grammar and are ready to combine and apply their language skills in most settings.

Course credits: 1

GERM 006 - Beginning/Intermediate Conversation**Lower Division**

Development of oral skills involving daily life and contemporary issues.

Repeatable

May be repeated for credit.

Course credits: 0.25

GERM 081 - Elementary German Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in GERM 001.

Required praxis to accompany GERM 001.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

GERM 082 - Continuing Elementary German Praxis**Lower Division**

Concurrently

Must be enrolled concurrently in GERM 002.

Required praxis to accompany GERM 002.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

GERM 083 - Intermediate German Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in GERM 003.

Required praxis to accompany GERM 003.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

GERM 084 - Continuing Intermediate German Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in GERM 004.

Required praxis to accompany GERM 004.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

German - Upper Division**GERM 195 - Internship****Upper Division****Prerequisites**

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: 1

GERM 196 - Capstone

Upper Division

An independent project integrating language and culture designed in consultation with an instructor in a student's language studies area.

Course credits: 0.25

GERM 197 - Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or research course for students whose special needs cannot be met by regular courses offered by the department.

Course credits: Credit may vary

GERM 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: 1

Global and Regional Studies - Lower Division

GRS 001 - Introduction to Global and Regional Studies

Lower Division

This course introduces students to the principal concepts and theories scholars and practitioners employ to analyze and understand global phenomena including an examination of historical, economic, cultural, and political events, institutions, structures, and processes. In addition, the course introduces students to major world regions and examines the connections between regional and global outcomes. Theories of globalization and key global issues are addressed including human rights, global inequality, poverty, population and migration, terrorism, global trade, and environmental issues.

Core Curriculum Designation(s)

GP - Global Perspectives; TCG - The Common Good

Course credits: 1

Global and Regional Studies - Upper Division

GRS 100 - Cultural Geography and Global Societies

Upper Division

Prerequisites

GRS 001.

This course exposes students to the breadth and excitement of the field of geography. Cultural geography studies the ways people shape and give meaning to their environment and allows us to look at the fascinating variety of human activity in the world-the human landscape. Geographic knowledge is vital to understanding national and international issues that dominate daily news reports. This course examines the relevance of geographic methods and concepts to social science topics such as agricultural patterns and practices, architecture, ethnic traditions and conflicts, gender, health, migration, population, political economy, poverty, religion, resource utilization, social change and urban planning.

Core Curriculum Designation(s)

GP - Global Perspectives

Additional Notes

This course may only be completed at Saint Mary's College.

Course credits: 1

GRS 130 - Interdisciplinary Issues in Global Studies

Upper Division

Prerequisites

GRS 001, ANTH 001, ECON 004, HIST 001 or HIST 002, POL 001 or POL 004.

Courses in this designation employ interdisciplinary approaches to explore a special challenge, problem, or issue(s) related to international regions or globalization. Topics can include transnational cultures, health, environment, development, and migration and globalization. May be repeated for credit as content varies.

Core Curriculum Designation(s)

GP - Global Perspectives

Course credits: 1

GRS 195 - Internship

Upper Division

Work-study program conducted in an internship position under the supervision of a faculty member. Permission of the instructor and the department chair required.

Course credits: 1

GRS 196 - Capstone Experience

Upper Division

As a culmination of their studies, students are required to complete a senior thesis on a topic of their choice in consultation with the instructor. The thesis demonstrates the student's ability to conduct independent research, and to think and write critically about salient issues related to their chosen track of studies.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Additional Notes

This course should be taken in the senior year. This course may only be completed at Saint Mary's College.

Course credits: 1

GRS 197 - Special Study

Upper Division

Prerequisites

Permission of instructor and chair required.

An independent study or research course for students whose needs are not met by the regular courses in the curriculum.

Course credits: 1

GRS 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of instructor and chair required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: 1

Greek - Lower Division

GREEK 001 - Elementary Greek

Lower Division

Beginner's course. Morphology, syntax, introduction to the reflective and scientific analysis of language.

Cross-Listing

Cross-listed as INTEG 051 & 052

Course credits: 1

GREEK 002 - Elementary Greek

Lower Division

Prerequisites

GREEK 001.

Continuation of GREEK 001. Reading of texts of Plato and Aristotle.

Cross-Listing

Cross-listed as INTEG 051 & 052

Course credits: 1

GREEK 003 - Intermediate Greek**Lower Division****Prerequisites**

GREEK 002.

Reading of selected authors, study of various types of discourse. Reading of Plato, Aristotle, lyric poetry and drama. Discussion of logic, rhetoric and dialectic.

Cross-Listing

Cross-listed as INTEG 053 & 054

Course credits: 1

GREEK 004 - Intermediate Greek**Lower Division****Prerequisites**

GREEK 003.

Continuation of GREEK 003.

Cross-Listing

Cross-listed as INTEG 053 & 054

Course credits: 1

Greek - Upper Division**GREEK 101 - Plato****Upper Division****Prerequisites**

GREEK 003 & GREEK 004, or acceptable equivalents

A reading of a shorter and a longer dialogue with consideration of the contemporary background, and the range of philological and philosophical questions. A number of the dialogues that are lesser-known are read and considered in translation. An attempt is made to view the totality of Plato's work and life.

Course credits: 1

GREEK 102 - Homer

Upper Division

Prerequisites

GREEK 003 & GREEK 004, or acceptable equivalents

A study of epic dialect and technique of composition; methods of historical and literary interpretation. The nature of myth and a comparison of the diverse forms of ancient epic in various cultures are topics.

Course credits: 1

GREEK 103 - Greek Historians

Upper Division

Prerequisites

GREEK 003 & GREEK 004, or acceptable equivalents

The history of Greek historiography is studied by examples of the methods of Herodotus, Thucydides, Xenophon and Polybius from their texts.

Course credits: 1

GREEK 105 - Greek Orators

Upper Division

Prerequisites

GREEK 003 & GREEK 004, or acceptable equivalents.

Why rhetoric was the major science of antiquity is investigated. Examples are taken from the canon of Attic orators.

Course credits: 1

GREEK 106 - Greek Dramatists

Upper Division

Prerequisites

GREEK 003 & GREEK 004, or acceptable equivalents

Greek playwrights are studied in as broad a representation as possible: the tragedians, Aristophanes and Menander.

Course credits: 1

GREEK 107 - Aristotle

Upper Division

Prerequisites

GREEK 003 & GREEK 004 , or acceptable equivalents

A study of Aristotle's scientific method and its relationship to metaphysics as exemplified in the *Physics* and *Metaphysics*, as well as of his concept of dialectic as opposed to that of Plato.

Course credits: 1

GREEK 110 - New Testament Greek

Upper Division

Prerequisites

GREEK 003 & GREEK 004, or acceptable equivalents

A sampling of Hellenistic Greek is studied as background, and the course then concentrates upon the Gospels and Paul in selection.

Course credits: 1

GREEK 115 - Greek Lyric Poets

Upper Division

Prerequisites

GREEK 003 & GREEK 004, or acceptable equivalents

Special attention is accorded Pindar. The history of Greek lyric is studied in examples.

Course credits: 1

GREEK 199 - Special Study - Honors

Upper Division

An independent study or research course for upper- division majors with a B average in Greek. Permission of the instructor and department chair is required. Course normally requires Greek composition. On an individual basis, students work with composition textbooks to submit for revision their own renderings into Classical Greek.

Course credits: 1

History - Lower Division

HIST 001 - World History to 1500

Lower Division

An introduction to the study of world societies from a global perspective, dating from the Paleolithic age to the 16th century, and focusing on the development of civilizations, the rise of world religions, and the interactions and

exchanges among peoples in Eurasia, Africa, India, Southeast Asia and the Americas.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Course credits: 1

HIST 002 - World History since 1500

Lower Division

An introduction to the study of world societies from a global perspective, dating from the 16th century to today, focusing on colonialism, political revolutions, industrialization, imperialism, the North-South divide, and twenty-first century globalization.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Course credits: 1

HIST 004 - Western Society and Cultures to 1500

Lower Division

An introduction to history through the study of Western civilization from its origins in the Mediterranean world to the age of discovery in 15th-century Europe. Readings include primary sources as well as works dealing with issues of interpretation.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; TCG - The Common Good

Course credits: 1

HIST 005 - Western Society and Cultures since 1500

Lower Division

This course will introduce students to "Western Civilization" as an evolving idea to be followed, contested, and redefined from the religious, social, and political upheavals of sixteenth-century Europe to contemporary debates over the role of Western values and traditions in an increasingly global society. Topics and themes may include: state-building, daily life and popular culture, war and revolution, nationalism and imperialism, and European/global integration. Through historical narratives, primary sources, literature, and multimedia, we will consider how questions over political and cultural borders, social and economic stratification, and shared and contested values pushed and pulled the people of "Western Civilization" closer together and farther apart from each other and the rest of the world.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; TCG - The Common Good

Course credits: 1

HIST 017 - History of the United States to the Civil War

Lower Division

A chronological survey of American history from European colonization to the Civil War, with an emphasis on racial, ethnic, class and gender relations, immigration and migration, the rise and impact of social movements, and the relationship between North America and the world.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Course credits: 1

HIST 018 - History of the United States since Reconstruction

Lower Division

A chronological survey of American history from Reconstruction to the present, with an emphasis on racial, ethnic, class and gender relations, immigration and migration, the rise and impact of social movements, and the relationship between the United States and other nations.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Course credits: 1

History - Upper Division

Students must have sophomore standing to enroll in upper-division courses.

HIST 100 - Topics in World History

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

Analysis of a selected theme, problem, era, or region not covered by regular course offerings of the department. Topics are announced prior to registration each semester.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Repeatable

May be repeated as topics vary.

Course credits: 1

HIST 101 - Historical Methods and Practices

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

Drawing upon historical narratives, theoretical essays, and primary-source documents covering a wide range of periods and places, this course engages students with key concepts of historical method and practice. These include issues of analysis, interpretation, synthesis, and inquiry into varied approaches and genres, from recent scholarly innovations to popular and public history. Attention is also given to students' research strategies and skills of writing and documentation. Taught mainly by discussion in a small-group setting, the course aims to facilitate history majors and minors' transition from lower-division study to upper-division work.

Core Curriculum Designation(s)

SHCU - Social, Cultural, and Historical Understanding; WID - Writing in the Disciplines

Term Offered

Offered once a year.

Course credits: 1

HIST 104 - Historical Interpretation

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

This seminar on historiography addresses questions of historical methods, focusing on methodological controversies and interpretations within a specific area of history. Topics vary according to instructor.

Course credits: 1

HIST 105 - Modern Approaches to History

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A study of the development of history as a scholarly discipline beginning with fundamental questions of method and research, followed by analysis of major controversies stemming from contemporary approaches to historical research and to public history. In addition, resident historians discuss the problems they encounter in their research and writing.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

HIST 106 - Seminar in Historical Research

Upper Division

Prerequisites

HIST 010 or HIST 101. Students must have sophomore standing to enroll in upper-division courses.

The capstone of the History department, this seminar expects students to demonstrate that they have mastered the skills of the discipline: using primary sources and interpreting them to make a historical argument that contributes to the historiography. Each student does a research paper (30 pages of text) under the guidance of the professor. Topics vary according to instructor.

Course credits: 1

HIST 110 - Topics in Ancient and Medieval European History

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

Analysis of a selected theme, problem, era, or region not covered by the regular offerings of the department.

Repeatable

May be repeated as topics vary.

Course credits: 1

HIST 111 - The Birth of Europe

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A study of the early development of medieval society and institutions, emphasizing the formative influences of classical, Christian, and Germanic culture in the creation of the Middle Ages. The course traces the Middle Ages from A.D. 300 to 1000, considers such issues as medieval monasticism and the papacy, the rebirth of empire under Charlemagne, the origins of feudal society, and the effects of Byzantine culture and the rise of Islam upon the Latin West.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 112 - Europe in the High and Later Middle Ages

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A study of the years A.D. 1000 to 1450, that period in which the seeds of medieval culture, sown during the 700 preceding years, come into full flower—the age of the Crusades and chivalry, Romanesque and Gothic architecture, St. Francis, St. Thomas and Dante. The course is divided into thematic sections treating the relationship between the

Christian and Muslim worlds, papal-imperial politics, social and economic changes, the rise of the universities, and the waning of the Middle Ages.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 113 - The Age of the Renaissance

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

An exploration of the rise of humanism in Europe between 1350 and 1550. The course focuses upon the educational and artistic movements that began in Italy and spread north to the rest of Europe. Attention is given to providing a social and political context for the cultural achievements of the period. Renaissance culture will be examined in light of its classical and medieval roots.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 114 - Warfare in Medieval Europe

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A study of the broad developments of medieval warfare in its many aspects including but not limited to the rules of warfare from terrorism to chivalry; the fate of non-combatants in scorched-earth policy and siege warfare; technological and strategic developments; social classes; women and warfare; infantry and cavalry; the moral cost of war; perceptions of the enemy; the warrior ethos; and pacifism.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 120 - Topics in Modern European History

Upper Division**Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

Analysis of a selected theme, problem, era, or region not covered by the regular offerings of the department.

Repeatable

May be repeated as topics vary.

Course credits: 1

HIST 121 - Revolt and Revolution in Early Modern Europe**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

This course focuses on case studies of violence and disorder in Western Europe from the late fifteenth century to the middle of the seventeenth century. Described in many standard histories as an age of religious wars, our study will take a broader view and examine social, political, and economic developments as equally important factors in the tumults and disturbances of the period.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 122 - 19th Century Europe**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

A survey of the formation of modern European society from the French Revolution to the outbreak of World War I, emphasizing political, social, and cultural responses to industrialization, urbanization, and nationalism.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 123 - 20th-Century Europe

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A survey of European society from the outbreak of World War I to the present. Major themes include the failures of international stability, the problems of technological society, the effects of the Russian Revolution, the rise of fascism, the phenomenon of decolonization, and the development of the European Community, World War II and the Holocaust, the Cold War, in the aftermath of the collapse of the Soviet system.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; TCG - The Common Good

Term Offered

Offered in alternate years.

Course credits: 1

HIST 124 - Transnational Origins of the Welfare State

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

The European welfare state of the post-World War II era has been praised as the hallmark of post-war socio- economic recovery and stability, generous state-funded systems of education, health-care, and social safety nets, and models of social justice and human equity. Yet, critics see a system plagued by inefficiency, bloated government bureaucracies, discredited forms of socialism, and ongoing threats to individual liberty. This course will explore the origins and development of European social welfare out of the early industrialized economies of Great Britain, the United States, and Germany, and modern debates over the ideal level of government intervention and obligations to its citizens and non-citizens.

Term Offered

Offered in alternate years.

Course credits: 1

HIST 125 - Women in European History, 1500-Present

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

This course traces the foundations and evolution of gender theories and patterns of everyday life for women of various classes, regions, and eras in Europe since 1500. It illuminates particular moments of significant historical change in how European women were viewed and how they viewed the world around them, such as democratic revolutions, European imperialism, women's suffrage movements, welfare state formation, and human rights. Scholarly essays introduce students to the historical context and debates from a diversity of scholars' perspectives. Primary sources highlight the historical contributions of individuals and groups of women, and offer students their own opportunities to practice critical thinking and analytic skills necessary for independent historical interpretation and synthesis through written and oral communication.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; TCG - The Common Good

Term Offered

Offered in alternate years.

Course credits: 1

HIST 126 - Nations, Nationalism, and Citizenship**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

This course will address major theoretical and historiographic debates over national identities, nation-state formation, and citizenship. Drawing upon the case studies of France and Germany, we will trace the processes of defining European nationhood and citizenship since the end of the eighteenth century. Themes will include revolutions, the unification of people and political entities, imperialism and irredentism, domestic tensions between majority and minority interests, and steps toward European integration culminating in the European Union. We will examine changing definitions of French, German, and European citizenship to discuss how nations perpetually construct and redefine boundaries of inclusion and exclusion based on gender, class, race, ethnicity, and religion.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 127 - The Victorian Empire**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

The "sun never set" on the global British empire of the nineteenth and early twentieth century, but its scale alone makes it difficult to comprehend from the multiplicity of local and global perspectives involved in its construction, contestation, and evolution. This course will trace the development of the British Empire before, during, and after the heyday of Queen Victoria's empire (1837-1901) from geographic, demographic, and temporal vantage points. We will explore the intertwined nature of imperial, national, and racial identities in the British Empire, political contestations over citizenship and belonging, imperial wars and revolutions, industrialization and class conflicts, changing gender roles and sexual mores, and the flourishing of popular imperial literature and culture around the world. Students will also engage independently and collaboratively with children's and adult literature, historical and contemporary films, museum and cultural exhibits, and both scholarly and primary texts from and about the Victorian Era that continue to shape our own historical consciousness of the British, their empire, and the era.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Term Offered

Offered in alternate years.

Course credits: 1

HIST 128 - German History**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

If national histories serve to reinforce common identities and traditions within the context of the modern nation- state, then what are we to make of the diverse central European peoples tied together by the questionable force of the German imperial state in 1871, only to be characterized by brutal dictatorship(s) and re-fragmented states throughout the twentieth century? This course seeks to understand how aspects of tradition within the predominantly German-speaking regions of central Europe were weighed and mobilized in order to answer the questions of who are the Germans and what is or where is Germany? To this end, our course materials will explore the making of what have become trademark German political, social, and cultural traditions (poetry, fairy tales, music, militarization, environmentalism, and beer drinking) within particular eras of German history since 1500.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; TCG - The Common Good

Term Offered

Offered in alternate years.

Course credits: 1

HIST 130 - Topics in American History**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

Analysis of a selected theme, problem, era, or region not covered by the regular offerings of the department.

Repeatable

May be repeated as content varies.

Course credits: 1

HIST 131 - Colonial History of the United States**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

This course examines the collision of peoples in colonial North America from the first contacts between Europeans and Native Americans through the importation of African slaves to the establishment of enduring white colonial settlement.

Emphasis is placed on the global context of European expansion, the changing nature of Indian-white relations, the diversity of colonial settlements, the rise of North American slavery, Britain's ascendancy over its European rivals, and colonists' connections to British imperial and mercantile systems.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 132 - The American Revolution and the Early Republic

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

Spanning the period from the 1750s to the 1830s, this course examines the transformations brought to colonial America by the Revolution, the establishment of nationhood and the Constitution, and the development of political and social democracy. Emphasis is placed on the international context of revolution and independence, the founding generation's debates and documents, the course of American race relations, and the rise of popular religion and politics.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Course credits: 1

HIST 133 - Era of the Civil War and Reconstruction

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

An examination of American society and politics from the Age of Jackson to the end of Reconstruction. Major focus is on the Civil War as the great crisis of national unity. Topics include slavery and other sectional differences that underlay the conflict; the political events that led to war; the struggle on the battlefield and home fronts; emancipation and its effects; and the new nation that emerged after the "failed revolution" of Reconstruction.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Term Offered

Offered in alternate years.

Course credits: 1

HIST 134 - Recent History of the United States

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A study of the United States from 1890 to the present with an emphasis on America's rise (and potential fall) as a global superpower, and its struggle to address inequalities of race, gender and income, and competing visions of the "American dream."

Term Offered

Offered in alternate years.

Course credits: 1

HIST 135 - America in the World: The History of U.S. Foreign Relations

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

An examination of the nation's foreign relations, broadly defined, from commerce, wars, and imperialism in the 19th century through the challenges of war, hegemony, and global integration in the 20th century. The roots of U.S. policies are traced to domestic political, economic, and cultural influences as well as geopolitical considerations, and America's growing impact abroad is examined and assessed.

Term Offered

Offered in alternate years.

Course credits: 1

HIST 136 - Immigration and Ethnic Relations in American History

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A study of immigrant groups in the United States from early nationhood to the present, assessing their response to and impact upon American society. Topics discussed include the global context of migration to America, "colonized" vs. immigrant minorities, problems of adjustment and assimilation in comparative perspective, ethnic politics and culture, nativism and conflicts over citizenship, black migration to the North, and competing theories of American ethnic and race relations.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Term Offered

Offered in alternate years.

Course credits: 1

HIST 137 - United States History in Comparative and Transnational Perspective

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

This course integrates American history into global frameworks of analysis by exploring connections and comparisons between the United States' historical development and that of other nations. Topics include common experiences with European colonization, revolution and nation-building, political systems, frontiers and native peoples, slavery and race, reform and women's movements, transatlantic and transpacific migration, industrialism, imperialism, and the rise and fall of the welfare state. Attention is also paid to the impact of American culture abroad.

Term Offered

Offered in alternate years.

Course credits: 1

HIST 138 - The Development of Modern American Culture

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

This course draws on documentary sources that illustrate and dissect American ways of life from the late 1800s to the present. It analyzes popular novels, movies, oral histories, art, and social criticism to determine the changing shape of American culture, the various subcultures that compose it, and the relationship of culture to social and economic forces. Special attention will be given to race, region, class, gender, and religion as agents of diversity, and conversely, the influence of ideology, mobility, consumerism, and mass culture in unifying Americans. Offered in alternate years.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Course credits: 1

HIST 139 - History of Women in America

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A survey of American women's history from 17th century colonial encounters to the present with an emphasis on ethnic and class diversity, shifting definitions and cultural representations of womanhood, and the efforts of women to define their own roles and extend their spheres of influence.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Term Offered

Offered in alternate years.

Course credits: 1

HIST 140 - African-American History: 1619 to 1865

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A survey of African American history from the late 15th century through the Civil War with an emphasis on comparative slave systems, slave culture and resistance, free black communities, black abolitionist thought and its connections to the broader Atlantic world, and the transition from slavery to freedom.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Term Offered

Offered in alternate years.

Course credits: 1

HIST 141 - African-American History: 1865 to the Present

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A survey of African American history from Reconstruction to the present with an emphasis on structural barriers to full equality, black migration, institution building, the enduring struggle for economic, political, and social equality, and the transnational dimensions of the black freedom struggle.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Term Offered

Offered in alternate years.

Course credits: 1

HIST 142 - History of California

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A chronological survey of California history from its pre-contact beginnings to the present, with an emphasis on ethnic diversity, national and transnational interactions, environmental problems, social movements, competing visions of the "California dream," and contestations over the allocation of economic, social, and political power.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Term Offered

Offered in alternate years.

Course credits: 1

HIST 150 - Topics in Latin American History

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

Analysis of a selected theme, problem, era, or region not covered by the regular offerings of the department.

Repeatable

May be repeated as content varies.

Course credits: 1

HIST 151 - Women in Latin American History

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

An examination of the participation of women in struggles for social justice in Latin America, asking what motivates women to abandon traditional roles and how they shape debates about human rights, democracy, feminism, ecology, and socialism in selected Latin American countries.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives; TCG - The Common Good

Course credits: 1

HIST 152 - Revolution in Latin America

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A study of the struggle for social justice in Latin America, with an emphasis on origins, class and gender participation, global contexts, successes and failures of revolutions in Mexico, Bolivia, Guatemala, Cuba, Chile, Nicaragua, and selected contemporary countries.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives; TCG - The Common Good

Term Offered

Offered in alternate years.

Course credits: 1

HIST 153 - The African Diaspora in Latin America

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

The course follows the African heritage of the Caribbean, Brazil, and the Atlantic coast of Central and South America. It examines the origins of the African population, the roles it has played in economic, political, and cultural developments in the region, as well as the ongoing struggle for social justice against racism and discrimination.

Term Offered

Offered in alternate years.

Course credits: 1

HIST 154 - Latin America, the United States, and the Drug Trade

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

An examination of the origins and development of the north-south drug trade, exploring the roles played by countries like Peru, Bolivia, Colombia, and Mexico; and the impact of the trade and the drug wars on U.S.-Latin America diplomatic relations, democracy, and human rights.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Term Offered

Offered in alternate years.

Course credits: 1

HIST 155 - Latin American Environmental History

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A review of the latest scholarship in the field, including topics such as the role of disease in the Spanish conquest, monocrop plantation agriculture, conservation, the destruction of the tropical rainforest, the ecological effects of oil extraction, nuclear power, chemical and pesticide use, and the meanings of sustainable development. Countries covered will vary from year to year.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Term Offered

Offered in alternate years.

Additional Notes

This course is Sustainability related.

Course credits: 1

HIST 160 - Topics in Asian History**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

Analysis of a selected theme, problem, era, or region not covered by the regular offerings of the department.

Repeatable

May be repeated as content varies.

Course credits: 1

HIST 161 - Modern Japan**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

The course begins in 1603 with the establishment of the Tokugawa Shogunate and ends with present-day Japan. Emphasis is placed on social, cultural, environmental and economic history. Special attention is given to the transformations of Japanese society and the changing nature of its interactions within the region of Asia and across the globe over the course of this historical period.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Term Offered

Offered in alternate years.

Course credits: 1

HIST 162 - Modern China**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

The course begins in 1911 with the toppling of the Qing (Manchu) Dynasty and ends with the split identity of present-day Communist China and the Republic of China in Taiwan. Emphasis is placed on social, cultural, environmental, political, and economic history. The course examines one of the most tumultuous eras of Chinese history and traces China's emergence from a struggling young republic to a growing superpower.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Term Offered

Offered in alternate years.

Course credits: 1

HIST 163 - Ethnic Identity and Conflict in China

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

This course explores how ethnicity played a role in the construction of empire and nation in Chinese history during ancient, imperial, modern, and contemporary periods. The course explores concepts of difference, race, ethnicity, and identity and how the definitions of these ideas changed over time. We will examine the ways that specific groups tried to become part of mainstream Chinese society and/or tried to distinguish themselves from it to demonstrate the historical complexities of the multicultural societies in China and Taiwan.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives

Term Offered

Offered in alternate years.

Course credits: 1

HIST 170 - Topics in African History

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

Analysis of a selected theme, problem, era, or region not covered by the regular offerings of the department.

Repeatable

May be repeated as content varies.

Course credits: 1

HIST 171 - African History to 1850

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses.

A study of human origins in Africa, black migration, the expansion of Islam in Africa, the slave trade, and the rise of ancient kingdoms of Ghana, Mali, Zulu. The course searches for and establishes the cultural identity of Africa before slavery, and the influence of ancient Egyptian, Nubian and Meroe cultures on subsequent sub-Saharan civilization.

Term Offered

Offered in alternate years.

Course credits: 1

HIST 172 - African History Since 1850**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses.

A study of the major themes of state building, Islamic revolutions, colonialism, nationalism and pan-Africanism, the role of the military in recent decades, African decolonization and economic development in the context of the modern world. The course emphasizes the development of African contemporary culture in comparison with that of select nations and regions of the developed world.

Term Offered

Offered in alternate years.

Course credits: 1

HIST 181 - Public History**Upper Division****Prerequisites**

ENGL 005

Public history studies the preservation, interpretation, and (re)presentation of historical narratives in public spaces such as museums, multi-media, memorials, popular literature, genealogy projects, and commercial use of historical themes or narratives. The content of the course is the specific experiences and narratives of immigration, ethnic identity, community and social movement formation, political citizenship, cultural traditions, economic and labor patterns, and popular culture of ethnic groups in the Bay Area

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

HIST 195 - Internship**Upper Division****Prerequisites**

Students must have sophomore standing to enroll in upper-division courses. Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: Credit may vary

HIST 197 - Special Study

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses. Students must submit a proposal the semester prior. HIST 101 and approval by the instructor and department chair required.

An independent study or research course in subject matter not offered by the department.

Additional Notes

See the department chair for details and forms.

Course credits: Credit may vary

HIST 199 - Special Study - Honors

Upper Division

Prerequisites

Students must have sophomore standing to enroll in upper-division courses. Students must submit a proposal the semester prior. HIST 101 and approval by the instructor and department chair required.

An independent study or research course for upper-division history majors with at least a 3.0 GPA in history.

Additional Notes

See the "Independent Study in History" section on the departmental website before meeting with the department chair.

Course credits: Credit may vary

History of Art - Lower Division

AH 001 - Survey of World Art: Europe and the United States

Lower Division

This course, intended for beginning students in any major, examines the evolution of the arts in Europe and the United States, from prehistory until the 20th century. The course offers students a general introduction to the history and methodology of art inquiry in the West.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Term Offered

Course offered twice a year

Fee

\$20

Course credits: 1

AH 002 - Survey of World Arts: Africa, and the Americas

Lower Division

This interdisciplinary course, intended for beginning students in any major, examines the evolution of the arts, design, and architecture of Asia, Africa and the Americas. The course offers students a general introduction to the methodology of art history in non-Western countries.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); GP - Global Perspectives

Term Offered

Course offered twice a year

Fee

\$20

Course credits: 1

History of Art - Upper Division

AH 100 - Women and Art

Upper Division

Prerequisites

ENGL 005

This course focuses on women both as subjects and creators of art in Europe and the United States. It is organized chronologically and thematically, involving a historical survey of women artists and their artistic contributions, as well as an examination of the religious, mythological and secular images of women in art. Extensive attention will be given to the creation, modification and persistence of these images throughout history, due to social, economic, psychological and intellectual conditions. This course trains students in art history writing and research, continuing the work begun in ENGL 005.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Term Offered

Every other term

Fee

\$20

Course credits: 1

AH 144 - Issues in Non-Western Arts

Upper Division

This interdisciplinary course examines a variety of topics within the history of visual and performing arts in Asia, Africa, the Middle East and Central and South America. This course provides students with a focused study of a

specific movement or time period of art within the history of art. Topics include The Silk Road, Islamic Art, Asian Art, Museum and the Construction of the Other, Non-Western Film, North African Art, Art of the Americas.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); GP - Global Perspectives

Term Offered

Course offered every other term.

Repeatable

May be repeated as content varies.

Fee

\$20

Course credits: 1

AH 145 - Issues in Medieval, Renaissance or Baroque Art

Upper Division

AH 145 is a general reference number for a sequence of three separate courses on European art. Each individual course covers either Medieval, Renaissance or Baroque art history. The courses are offered on a three-year rotation and do not need to be taken in sequence, although chronological order is recommended. AH 145 can be taken up to three times, covering the three different artistic periods. Topics include Medieval, Renaissance and Baroque Art.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Creative Practice

Term Offered

three year rotation

Repeatable

can be taken up to three times,

Fee

\$20

Course credits: 1

AH 165 - Issues in American Art

Upper Division

This course examines a variety of topics within the history of art in the United States. This course provides students with a focused study of a specific movement or time period of art within the history of American art. Topics include Politics and the American Artistic Landscape and Popular Culture and the American Imagination.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); AD - American Diversity

Term Offered

(Course offered every other year.)

Fee
\$20

Course credits: 1

AH 166 - Issues in Modern Art

Upper Division

This course examines the history of avant-garde art movements in the 19th and 20th century, with a specific focus on Modern Art.

Core Curriculum Designation(s)
AA - Artistic Understanding (Analysis)

Term Offered
(Course offered every other year.)

Repeatable
May be repeated as content varies.

Fee
\$20

Course credits: 1

AH 188 - Applied Research: Community Service

Upper Division

This community-based research course bridges art historical research methodology with the research needs of local non-profit arts organizations. By doing research for grant proposals, documenting community-based art initiative and creating arts assessment instruments, students are able to apply their in-class research methodologies to assist community arts organizations serving diverse populations.

Core Curriculum Designation(s)
CE - Community Engagement

Term Offered
Every other year

Course credits: 1

AH 190 - Research and Writing Methods in Art History

Upper Division

This course is intended primarily for majors and minors in the History of Art. Students will be introduced to some of the major methodologies that have shaped the field: formalism, biographical analysis, iconographical analysis, psychoanalysis, Marxism and the social history of art, feminism, post-colonialism and semiotics.

Course credits: 0.25

AH 193 - Museum Internship

Upper Division

Prerequisites

Permission of instructor and department chair , required.

Work-practice program conducted in an appropriate, , museum internship position. Normally open to , junior and senior art and art history majors. , Permission of instructor and department chair , required.

Course credits: 1

AH 194 - Interdisciplinary Topics in Art History

Upper Division

This course examines a specific research topic in depth. This course provides students with a focused study of a theme within the history of art.

Fee

\$20

Course credits: 1

AH 195 - Academic Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-practice program conducted in an appropriate art- related internship position. Normally open to junior and senior art practice majors.

Repeatable

May be repeated as content varies.

Cross-Listing

Cross-listed with: ART 195

Course credits: 0.5

AH 196 - Senior Thesis

Upper Division

Prerequisites

Permission of instructor and department chair required.

As a capstone to their studies, art history majors are required to complete a thesis that displays their ability to think, read and write about art, as well as create works of art that express their own beliefs and interests.

Term Offered

Once a year

Course credits: 1

AH 197 - Independent Study

Upper Division

Prerequisites

Permission of instructor and department chair required.

An independent study or research course for students whose needs are not met by the regular course offerings of the department.

Course credits: Credit may vary

AH 199 - Special Study Honors

Upper Division

Prerequisites

Permission of instructor and department chair required.

Directed capstone project under the supervision of a department faculty member, culminating in the production of an honors-level arts history project.

Course credits: 0.25

Integral - Lower Division

INTEG 011 & 012 - First-year Seminar

Lower Division

Homer, Aeschylus, Herodotus, Sophocles, Euripides, Aristophanes, Plato, Aristotle and Euripides.

Course credits: 1

INTEG 031 & 032 - First-year Mathematics

Lower Division

The Elements of Euclid, the Almagest, Book 1, of Ptolemy.

Course credits: 1

INTEG 051 & 052 - First-year Language

Lower Division

Grammar and expression: introduction to Greek vocabulary, morphology and syntax, the nature and function of parts of speech, phrases and clauses; thought and the author's language: exercises taken from Herodotus, Plato, Sophocles, Thucydides, the New Testament, Aristotle, Euripides and Sappho.

Course credits: 1

INTEG 071 & 072 - First-year Laboratory

Lower Division

Observation, description and measurement in optics, astronomy, statics and acoustics. Field and laboratory study of plants and birds. Readings: Aristotle, Galen, Archimedes, Euclid, Ptolemy, and Harvey.

Fee

Fee: \$75 per term.

Course credits: 1

INTEG 074 - Music I

Lower Division

Introduction to basic terminology, notation, diatonic scale, rhythm and chords. Reading of early texts on music and group participation in making music.

Fee

Fee: \$75.

Course credits: 1

INTEG 082 - Introduction to Choral Singing

Lower Division

An introduction to choral singing and the basics of musical notation and terminology. For students in the Integral Program without prior musical training, this course prepares for success in the Music Tutorial (INTEG 074).

Course credits: 0.25

Integral - Upper Division

INTEG 053 & 054 - Sophomore Language

Lower Division

Logic and dialectic: analysis and translation of Greek authors, with emphasis on dialectical investigation in Plato's Phaedo, Theaetetus, Sophist, Phaedrus, and in Aristotle's Prior and Posterior Analytics.

Course credits: 1

INTEG 113 & 114 - Sophomore Seminar

Upper Division

The Law and Prophets, Psalms, Gospels and selected Epistles, Virgil, Lucretius, Tacitus, Plotinus, Epictetus, Augustine, Anselm, Aquinas, Dante, Chaucer, Rabelais, Machiavelli, Luther, Montaigne and Shakespeare.

Course credits: 1

INTEG 115 & 116 - Junior Seminar

Upper Division

Cervantes, Descartes, John of the Cross, Milton, Spinoza, Pascal, Corneille, Racine, Molière, Hobbes, Swift, Locke, Berkeley, Fielding, Leibniz, Hume, Boswell, Kant, Diderot, Rousseau, Voltaire, Blake and the Federalist Papers.

Course credits: 1

INTEG 117 & 118 - Senior Seminar

Upper Division

Goethe, Austen, Bernard, Hegel, Flaubert, Marx, Dostoevski, Kierkegaard, Melville, Twain, Tolstoi, Nietzsche, William James, Freud, Proust, Joyce, Heidegger, and a selection of modern authors.

Course credits: 1

INTEG 133 & 134 - Sophomore Mathematics

Upper Division

The Almagest, the Conic Sections of Apollonius, selections from Copernicus, On the Revolutions of the Heavenly Spheres.

Course credits: 1

INTEG 135 & 136 - Junior Mathematics

Upper Division

The Geometry of Descartes, Newton's Principia Mathematica, an introduction to calculus.

Course credits: 1

INTEG 137 & 138 - Senior Mathematics

Upper Division

Lobachevsky's Theory of Parallels, Dedekind's Theory of Numbers (selections), Einstein's Relativity, selections from Hilbert, Poincaré, Coexter and Feynman.

Course credits: 1

INTEG 155 & 156 - Junior Language

Upper Division

English and American poetry and rhetoric; close reading and discussion of a comedy, a tragedy and a romance of Shakespeare, poems of Wordsworth, Keats, Dickinson, Stevens, Yeats; political rhetoric in Jefferson, Lincoln and Martin Luther King, Jr.; works on prejudice by Melville, Hawthorne, Douglass and O'Connor.

Course credits: 1

INTEG 157 & 158 - Senior Language

Upper Division

Dialectic ancient and modern; occidental and oriental: Plato's Philebus, Cratylus and Parmenides, Aristotle's Metaphysics, the Tao Te Ching of Lao Tzu, Analects of Confucius, and selections from Chuang Tzu and the Upanishads; Kant's Perpetual Peace, Wittgenstein's Philosophical Investigations (selections), Shusaku's The Silence, the Qur'an (selections).

Course credits: 1

INTEG 174 - Music II

Upper Division

An optional extension to the Music I class for more careful treatment of theory and performance.

Additional Notes

This course is not required for the degree.

Course credits: 1

INTEG 178 - Junior Laboratory: Physics & Chemistry

Upper Division

This Laboratory combines readings and discussion with practical experiments. It is the examination of first principles of physics and chemistry. Readings range from Galileo, Black, Lavoisier, Dalton, Thompson, Gay Lussac, Avogadro, Cannizzaro, Berzelius, Faraday, Mendeleev, and others, concluding with a look at quantum theory.

Fee

Fee: \$75.

Course credits: 1

INTEG 179 - Junior Laboratory: Evolution, Heredity & Genetics

Upper Division

This Laboratory focuses on the biological, beginning with Darwin and moving to heredity and genetics with Mendel, Sutton, Morgan, Wilson, Dawkins, Ruse and others.

Fee

Fee: \$75.

Course credits: 1

INTEG 180 - Preceptorial

Upper Division

An elective, 0.25 credit examination, or re-examination, of a text or topic of interest to students and tutor.

Repeatable

May be repeated as texts or topics vary.

Course credits: 0.25

INTEG 196 - Senior Essay

Upper Division

The writing and defense of an essay under the direction of a tutor chosen by the student. This course is directed by the leader of the Senior Seminar.

Course credits: 0.25

Interfaith Leadership - Upper Division

IFL 120 - Interfaith Leadership Praxis

Upper Division

Prerequisites

BUSAD 108; ANTH 001 or ES 001; COMM 106 or ES 155; JCL 150, BUSAD 131, or PSYCH 172.

A field-based course required for students who plan to complete the Interfaith Leadership Minor. Through the integration of the Interfaith Leadership Minor learning outcomes, students receive hands-on experience in developing and conducting a project that involves building bridges of understanding and cooperation across boundaries of religious, spiritual, and/or non-faith differences. The course instructor and the enrolled student(s) work together in the development of the project, the implementation of which will be the student(s)' primary responsibility. Depending on the number of eligible students, this course may be conducted as an independent study or involve students working together in teams.

Term Offered

Offered annually spring semester.

Course credits: 0.25

IFL 195 - Internship

Upper Division

Prerequisites

Permission of instructor and program director required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: 1

Italian - Lower Division

ITAL 001 - Elementary Italian

Lower Division

For students with no prior knowledge of Italian. With instruction in basic grammar structures and communication strategies, students begin to develop listening, speaking, reading and writing skills.

Course credits: 1

ITAL 002 - Continuing Elementary Italian

Lower Division

Prerequisites

ITAL 001 or equivalent.

For students with one or two years of secondary study of Italian (or the equivalent). This course continues the development of listening, speaking, reading and writing, emphasizing conversation on everyday topic.

Course credits: 1

ITAL 003 - Intermediate Italian

Lower Division

Prerequisites

ITAL 002 or the equivalent.

For students with two or three years of secondary study of Italian (or the equivalent). This course continues the development of reading, writing, listening and speaking, fostering confidence in conversation and composition across a variety of subjects.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

ITAL 004 - Continuing Intermediate Italian

Lower Division**Prerequisites**

ITAL 003 or the equivalent.

For students with three or four years of secondary study of Italian (or the equivalent). This course offers an abbreviated review of primary structures and concentrates heavily on developing communicative ability through readings, music and visual resources. For students who have completed an overview of basic grammar and are ready to combine and apply their language skills in most settings.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

ITAL 006 - Basic Conversation**Lower Division**

Conversational practice using the vocabulary and basic grammatical structures of Italian 1, 2 sequence. Topics include cooking, pastimes and hobbies, politics, the family, travel, fashions, Italian film, sports, art, etc.

Lecture and/or Lab Hours

Meets one hour per week.

Repeatable

May be repeated for credit.

Course credits: 0.25

ITAL 021 - Intensive Elementary Italian**Lower Division**

An accelerated review of first-year college Italian for students with some prior study of Italian.

Additional Notes

Satisfactory completion of this course (minimum grade C-) results in credit for ITAL 002.

Course credits: 1

ITAL 060 - Italian Civilization for Travel Courses**Lower Division**

In preparation for travel in Italy, students will be introduced to various aspects of contemporary Italian culture, art and history so they can better appreciate the country and its people. The course will cover such topics as social manners, means of transportation, personal safety, laws and legal rights, medical resources, money and food. Students will also learn basic Italian language skills.

Course credits: 0.25

ITAL 60-01 - Italian Civilization for Travel Courses

Lower Division

Taught in Italy during January for students who are to study in Italy in the Spring

Course credits: 0.25

ITAL 60-02 - Italian Civilization for Travel Courses

Lower Division

Taught in the spring semester on campus, for students who are to study in Italy in the Fall

Course credits: 0.25

ITAL 081 - Elementary Italian Praxis

Lower Division

Concurrently

Must be enrolled concurrently in ITAL 001.

Required praxis to accompany ITAL 001.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

ITAL 082 - Continuing Elementary Italian Praxis

Lower Division

Concurrently

Must be enrolled concurrently in ITAL 021.

Required praxis to accompany ITAL 021.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

ITAL 083 - Intermediate Italian Praxis

Lower Division

Concurrently

Must be enrolled concurrently in ITAL 003.

Required praxis to accompany ITAL 003.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

ITAL 084 - Continuing Intermediate Italian Praxis

Lower Division

Concurrently

Must be enrolled concurrently in ITAL 004.

Required praxis to accompany ITAL 004.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

Italian - Upper Division

Note: *Upper-division courses in Italian are offered as World Languages in Translation.*

ITAL 106 - Intermediate/Advanced Conversation

Upper Division

Conversation on contemporary issues. Meets once a week. Recommended for minors in Italian Studies and students who have studied in Italy.

Repeatable

May be repeated for credit.

Course credits: 0.25

ITAL 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: 1

ITAL 196 - Capstone

Upper Division

An independent project integrating language and culture designed in consultation with an instructor in a student's language studies area.

Course credits: 0.25

ITAL 197 - Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or research course for students whose special needs cannot be met by regular courses offered by the department.

Course credits: Credit may vary

ITAL 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: Credit may vary

January Term - Lower Division

(actual courses vary every year)

JAN 020 - Precious Watersheds

Lower Division

Waterfalls and rushing rivers impart sensations of enjoyment and fulfill our spirits. Water is used in formal spiritual ceremonies, and thus is also a cultural necessity. Yet, water can also be evaluated as a critical commodity for economic sustainability. In California, the war over water rights led to a stronger national environmental movement with the landmark case to preserve Mono Lake. This course will focus on what our individual and societal responsibilities are with respect to maintaining watersheds. The readings will set up a foundation for discussion and classroom activities. The curriculum will be organized so students can gain some level of expertise and then utilize their skills to inform others. The weekly planned field trip will require an additional afternoon time commitment and will be set on Thursday afternoons (including the first week of Jan term). This is in addition to the treks during class to our on-campus seasonal wetland, the Saint Mary's College Swamp (formerly Lake La Salle). The service learning component of this class will have three parts: 1) creating some media materials for a community/civic organization and documenting this task; 2) planning educational materials for the web resource; and 3) performing educational outreach work. A team presentation on a specific issue will occur in the last week as a part of the web materials aspect of the course.

Additional Notes

Designated as a service-learning course

Course credits: 1

JAN 035 - If You Cross the Border, What is the Law Which Governs Your Conduct?- A Neophyte's Look at Public and Private International Law

Lower Division

"The world is flat," says New York Times columnist Thomas Friedman. Maybe, but countries still have borders. Borders represent the jealous protection of the customs, mores, religion, and laws of each country's peoples. Crossing borders invites a duty of respect and compliance. But in this globalized world, whose law applies to exchanges among this family of nations or to citizens in transit or to international commercial transactions?

Concepts such as "crimes against humanity" were used post-World War Two to prosecute Nazi leaders and the war leaders of Japan. Who had the authority to make such laws, especially after the wrongful acts had already been committed? Who has the power to prosecute Balkan Serb leaders for their acts against indigenous Muslims and again in the prosecution of the tyrants of Rwanda.

The United Nations, the European Economic Union, NATO, the World Trade Organization and the like come about following the principles of public international law-the stuff of diplomats. But what about the alleged environmental wrong doings of Texaco in Ecuador? Should Chevron, who purchased Texaco after the alleged spills, be liable? To whom? Who should decide... Ecuador courts or U.S. courts?

Nation-to-nation public international law has a long history from which certain principles have become accepted practice. The same is not true for law governing conduct of individuals or trans-national commercial activities. This course introduces participants to the fascinating and complex world of public and private international law, the glue which brings certainty to the cross-border activities of globalization.

Course credits: 1

JAN 057 - Borders and Blue Shirts

Lower Division

Offering perspectives from a remarkable variety of guests-including prosecutors, defense lawyers, a former warden of San Quentin State Prison, a retired prison guard, a correctional educational counselor, a parole officer and a convicted felon-this course engages the California prison system in an objective study and directs students to imagine and design a system that critically addresses the many challenges endemic to the current correctional system.

Course credits: 1

January Term - Upper Division

JAN 120 - Nightmare Futures

Upper Division

"I don't try to describe the future. I try to prevent it." - Ray Bradbury

Since time immemorial people must have been dreaming of the ideal and just society - or even simply the better society. In 1516 an Englishman named Thomas More gave a name to this vision of an ideal or just society- "Utopia"- and the name stuck. In Greek Utopia means "No-Place" and, by virtue of a pun, "Good-Place." It was left to the

twentieth century to translate utopian principles into reality in a really grand way and then to discover their unintended consequences. As Tom Wolfe has observed, the twentieth century was the great age of utopian impulses, with one utopian scheme after another being attempted, each one trying to "go back to zero," to begin again, and to remake humankind. Our central concern will be the literary response to the twentieth century's Utopian urge

Science fiction works by projecting trends into the future or imagining possibilities realized in the future. But that part of science fiction that is called dystopian follows Bradbury's formula. Dystopias are "Bad-Places," bad futures that seem to be implied by current trends. Anti- Utopias, a subset of Dystopias, are utopias which turn out to be, in practice, "Bad-Places," the evil and oppressive consequences of someone else's utopian dream. We will begin with Sir/St. Thomas More's original, Utopia, and then examine 20th-century responses to the utopian impulse. We will also consider the utopian aspirations of modern totalitarian movements, from the Bolsheviks to the Khmer Rouge.

Additional Notes

Designated as a social justice course

Course credits: 1

JAN 147 - The Copernican Revolution and the Galileo Affair

Upper Division

This course is a multi-disciplinary investigation into two closely related historical episodes: the triumph of Copernicus's heliocentric system, and the famous trial and condemnation of Galileo. The "Galileo affair" is one of the most symbolic and hotly contested episodes in history, and debates about its proper interpretation continue today. This is the case not just because it is the poster child for conflict between religion and science, but also because of the challenging questions about scientific development that the Copernican revolution raises. The class will start with an intensive survey of astronomical and cosmological theories leading up to and including Copernicus. We will read extensively from Galileo's astronomical treatises, from the documents relating to his trial, and from various writers seeking to establish what happened and what lessons the affair holds. Along the way we will reflect on the relationship between faith and reason, authority and inquiry, religion and science, and try to understand more fully the process of scientific development and intellectual revolution. The course is intensive and the reading load is significant.

Classes will vary between lecture, group work, and seminar discussions. A central project of the class will be the preparation, and carrying out, of an in-class debate, in which students articulate and defend positions on behalf of Galileo or his accusers. There will be two major written assignments: an interpretative, text-based paper and a final research paper, in which each student will analyze a contemporary argument or position responding to the Galileo affair.

Course credits: 1

JAN 170 - SMC Kilimanjaro: Crossing Tanzania

Upper Division

Using a Problem-Posing Documentary Studies approach, students will produce multimedia projects while they also perform development work in under-resourced communities of Tanzania. Students will cover five specific areas of study: 1) Documentary Studies, 2) Problem- Posing Pedagogy, 3) Multimedia Production, 4) Aid and Development, and 5) elementary Swahili language. We will participate in low-level construction projects as well as water and sanitation work in outlying areas. Along with the academic content of the course come other direct responsibilities, including daily chores to maintain our mobile development unit, team responsibilities, and health and nutrition work with our own group and with children in our host country. In addition to our development work, we will take a group excursion in the form of a three-day safari in the Serengeti and the Ngorongoro Crater.

Additional Notes

Designated as a social justice and a service-learning course

Course credits: 1

JAN 171 - Crops, Cash, and Crossing Borders: Food Justice in Nicaragua

Upper Division

We all need food to survive, but in a world dependent on an increasingly globalized food system, most of us are alienated from the food we consume. This course will examine the impact of our global food system by exploring the struggle for food justice and sovereignty in Nicaragua. As the second-poorest country in the Western hemisphere, Nicaragua has endured many difficulties and upheavals, including foreign intervention, revolution, and devastating natural disasters. We will explore the history of Nicaragua, looking in particular at its relationship with the United States, as well as the role of this relationship on food issues in Nicaragua. From there, we will examine current food justice principles and practices in Nicaragua, especially in relation to the local-global tension between self-sufficient food production and the production of "cash crops" like coffee and cocoa. In order to gain a more thorough understanding of these issues, students will spend several days living with rural farmers and their families as we help in the coffee harvest, and we'll get a crash course in organic farming on the bird-friendly Gaia Estate. We will also learn how chocolate is made, hear from survivors of pesticide poisoning in the banana trade, and tour socially responsible sugar and dried fruit factories. Our adventure will even include visiting a famous volcano and time on a gorgeous beach relaxing and reflecting on our experiences. Embodying the Jan Term theme of "crossing borders" in numerous ways, this course will change the way you see the world!

Additional Notes

Designated as a social justice and a service-learning course

Course credits: 1

Japanese - Lower Division

JAPAN 001 - Elementary Japanese

Lower Division

For students with no prior knowledge of Japanese. Students learn basic grammar and sentence structure and the two phonetic alphabets, as well as common Japanese expressions and vocabulary.

Course credits: 1

JAPAN 002 - Continuing Elementary Japanese

Lower Division

Prerequisites

JAPAN 001 or the equivalent.

For students with one or two years of secondary study of Japanese (or the equivalent). Extends the study of basic grammar and topically specific vocabulary, and introduces some Kanji characters.

Course credits: 1

JAPAN 003 - Intermediate Japanese

Lower Division

Prerequisites

JAPAN 002 or the equivalent.

For students with two or three years of secondary study of Japanese (or the equivalent). Introduction of more complex grammar and idioms, and additional Kanji characters. Emphasis on extending competence in oral and written communication.

Course credits: 1

JAPAN 004 - Continuing Intermediate Japanese

Lower Division

Prerequisites

JAPAN 003 or the equivalent.

For students with three or four years of secondary study of Japanese (or the equivalent). Along with a review of grammar structures, this course gives increased attention to improving communicative skills. Students completing this course are ready to combine and apply their language skills in most settings.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

JAPAN 006 - Beginning/Intermediate Conversation

Lower Division

An intermediate course focused on conversational communicative skills. Students practice situationally grounded conversation and develop speech skills through discussion.

Repeatable

May be repeated as content varies.

Course credits: 0.25

JAPAN 007 - Introduction to Japanese Culture

Lower Division

Concurrently

JAPAN 007 is a co-requisite for JAPAN 001 or JAPAN 002 , but can be taken in a different semester than the language classes, since it is taught in English.

An introductory survey of interesting aspects of Japanese culture.

Core Curriculum Designation(s)

GP - Global Perspectives (with concurrent registration in JAPAN 001 or JAPAN 002)

Repeatable

May be repeated for credit, as the events and content varies each year.

Course credits: 0.25

JAPAN 081 - Elementary Japanese Praxis

Lower Division

Concurrently

Students must be enrolled concurrently in JAPAN 001.

Required praxis to accompany JAPAN 001.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

JAPAN 082 - Continuing Elementary Japanese Praxis

Lower Division

Concurrently

Students must be enrolled concurrently in JAPAN 002.

Required praxis to accompany JAPAN 002.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

JAPAN 083 - Intermediate Japanese Praxis

Lower Division

Concurrently

Students must be enrolled concurrently in JAPAN 003.

Required praxis to accompany JAPAN 003.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

JAPAN 084 - Continuing Intermediate Japanese Praxis

Lower Division

Concurrently

Students must be enrolled concurrently in JAPAN 004.

Required praxis to accompany JAPAN 004.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

Japanese - Upper Division

JAPAN 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: 1

JAPAN 196 - Capstone

Upper Division

An independent project integrating language and culture designed in consultation with an instructor in a student's language studies area.

Course credits: 0.25

JAPAN 197 - Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or research course for students whose special needs cannot be met by regular courses offered by the department.

Course credits: 1

JAPAN 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: 1

Justice, Community and Leadership - Lower Division

JCL 010 - Introduction to Justice, Community and Leadership

Lower Division

This course introduces students to program themes of justice, community and leadership. Through interactive discussions and engaged learning activities, students analyze how communities both shape and are shaped by larger social forces of race, gender, class, sexuality, culture, and the environment. The course gives special emphasis to the theme of social justice in U.S. society exploring possible avenues to create the kind of "Beloved Community" envisioned by Dr. Martin Luther King, Jr. To enhance learning, students are required to complete 20 hours of service-learning with a community-based organization and participate in 6 additional labs (e.g. service at Glide Memorial Church).

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good; CE - Community Engagement

Term Offered

Offered in fall and spring.

Course credits: 1

Justice, Community and Leadership - Upper Division

JCL 120 - Theory and Inquiry in Justice, Community and Leadership

Upper Division

Prerequisites

JCL 010 or permission of the instructor.

This course is an advanced introduction to the critical social theory utilized in the JCL program to evaluate some of the political, social, economic, educational, and environmental justice issues that confront local, regional, national, and global communities. Critical social theory is distinct from other forms of critical theory (philosophical, political, literary), yet is in conversation with them. We will be exploring the relationships between oppression, power, society, education and social change through a diverse body of theory, while employing social science methodologies to collect and interpret evidence about the social world.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; WID - Writing in the Disciplines

Course credits: 1

JCL 123 - Praxis: Anti-Racist Pedagogy

Upper Division

In this elective praxis course education concentration students will read and discuss anti-racist pedagogy in conjunction with studying a Title I elementary school.

Course credits: 0.25

JCL 125 - Text-Based Discussions in Middle School

Upper Division

This field-based course trains and gives students hands-on experience in facilitating seminar-style, text-based discussion groups in local middle school classrooms. Students will learn about and practice an educational style that develops critical skills, speaking, reading and writing in open discussion.

Term Offered

Offered in the fall and spring.

Course credits: 0.25

JCL 126 - Praxis: Special Topics

Upper Division

This elective special topics course varies for education concentration students. Topics include: Public Education and Physical Health, Education and the Arts, Education and Music.

Course credits: 0.25

JCL 127 - Praxis: Community Service

Upper Division

The praxis course offered every semester, this course enables students to involve themselves in structured community service, environmental, or public policy. In addition to fieldwork, students meet to discuss their experiences and produce a culminating paper or project.

Core Curriculum Designation(s)

CE - Community Engagement

Term Offered

Offered in the fall and spring.

Repeatable

May be repeated as content varies.

Course credits: 0.25

JCL 129 - Education Policy

Upper Division

The Praxis course offered every semester, this course enables students to involve themselves in structured community service and education-related fieldwork. In addition to fieldwork, students meet to discuss their experiences and produce a culminating paper or project.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 0.25

JCL 130 - Environmental Justice

Upper Division

Prerequisites

JCL 010 or permission of the instructor.

This course focuses on the complex relationship between humans and the environment, specifically examining how our everyday choices, individual behaviors, built infrastructures, and policies and institutions affect the environment, and consequently our global human community. Drawing on theories and concepts from a variety of fields such as cultural sociology, social psychology, ethnic studies, political ecology, urban geography and economics, we will examine how power, privilege and justice relate to environmental problems and solutions. Students are required to devote time each week to community engagement and guided reflection activities, produce a literature review and advocacy presentation, and complete content examinations.

Lecture and/or Lab Hours

Class sessions are supplemented by 6 labs over the semester.

Core Curriculum Designation(s)

TCG - The Common Good

Term Offered

Offered in the spring.

Course credits: 1

JCL 140 - The Global Community

Upper Division

Prerequisites

JCL 010 or permission of the instructor.

"We live in an increasingly global world" is a statement most of us have encountered. But what makes this current moment in history "global"? What does it mean to be a part of a global community? The purpose of this course is to gain broad-based exposure to some of the cultural, political and economic issues related to and arising from the processes of globalization. We will analyze globalization as a philosophy, a process and a phenomenon, delving into issues of dependence and interdependence, labor, poverty, development, and the environment. We will draw on theories and empirical case studies to investigate globalization and our global community from multiple disciplinary perspectives, while honing critical writing skills through in-class writing exercises, reflections, and essays.

Core Curriculum Designation(s)

GP - Global Perspectives; TCG - The Common Good

Term Offered

Offered fall and spring.

Course credits: 1

JCL 150 - Advanced Leadership Theory**Upper Division****Prerequisites**

JCL 010, JCL 120, junior standing.

As part of the core of the Justice, Community and Leadership Program, this course addresses the necessary connection between understanding community and becoming advocates for and agents of change. The course builds on prior JCL courses and deepens the exploration and application of leadership theory and research and addresses the question, "How does knowing leadership theory contribute to my disposition about justice and my ability to enact change with an in communities?" This course serves as the catalyst for putting together the theory and practice of leadership and social change as it emphasizes Freire's notion of praxis, action and reflection within the world in order to transform community. Students also complete their capstone community engagement projects.

Core Curriculum Designation(s)

AD - American Diversity; CE - Community Engagement

Term Offered

Offered in the spring.

Course credits: 1

JCL 163 - Special Topics**Upper Division**

Course topics change. The class will use critical pedagogy to explore issues of equity and justice, including a focus on women/gender, immigration, education, sustainability, and racial justice.

Course credits: 1

JCL 190 - Senior Portfolio**Upper Division****Prerequisites**

JCL 196 (Senior Capstone I).

JCL majors take this course in the semester immediately after Senior Capstone I. The course, which consists of eight sessions, assists students in preparing their academic portfolios and a conference style presentation on their theses, which occurs in the latter part of the semester.

Term Offered

Offered in the spring.

Course credits: 0.25

JCL 195 - Internship

Upper Division

Work practice in related fields of community service, non-profit, government/civic responsibility. The internship experience is planned in close consultation with, and supervised by, a JCL Program faculty member.

Course credits: Credit may vary

JCL 196 - Senior Capstone I

Upper Division

Prerequisites

All JCL core classes and senior standing.

This is the capstone course of the Justice, Community and Leadership Program. Students complete an individual thesis that is designed to integrate JCL core courses with a group community engagement project, culminating in a group presentation to the SMC community.

Term Offered

Offered in the fall.

Course credits: 1

JCL 197 - Independent Study

Upper Division

An independent study or research course in subject matter not offered by the department. See Program Director for details and forms.

Course credits: Credit may vary

JCL 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: Credit may vary

Kinesiology - Lower Division

KINES 010 - Introduction to Kinesiology

Lower Division

This course introduces students to the academic discipline and profession of Kinesiology. It examines the historical events, philosophical positions, sociological theories, and contemporary science that concern the human being in motion. Particular attention is devoted to the cultural place and developmental potential of the corporeal actions known as play, game, sport, athletics, and exercise. American health behaviors (especially physical activity and food decisions) and how they relate to major U.S. public health issues are examined. The fundamentals of the major's three tracks-sport and recreation management, health promotion, and exercise science-are introduced and explored. Students will be familiarized with Kinesiology's main subdisciplines, their major research themes, and current career opportunities in the profession and the allied medical field.

Course credits: 1

KINES 012 - Fitness and Health Education

Lower Division

Examines the principles of physical fitness and components of personal health. The body's response and adaptation to regular exercise will be discussed; programs will then be designed to improve cardio-respiratory endurance, muscular fitness, flexibility, body composition, and low back health. Key topics in personal health will include: nutrition and weight management, stress, substance abuse, sexually transmitted diseases, aging, and personal safety.

Course credits: 1

KINES 014 - Introduction to Health Promotion

Lower Division

Health promotion is a discipline that seeks to improve the health of individuals and communities through education, behavioral change, and environmental improvement. This course provides students with an introduction to the principles of health promotion by exposing students to strategies used to promote health to individuals, to groups in specific settings such as schools and work places, and to entire communities. The course will develop and extend students' understanding of public health principles, human behavior, and determinants of health in order to explore recent advances in the science and art of health promotion. Specific attention is paid to health disparities and determinants of health. Students will be involved in health promotion program development and/or delivery as part of their community engagement project.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

KINES 015 - Research Methods and Writing in Kinesiology

Lower Division

Prerequisites

KINES 010.

An introductory survey of tests and measurement techniques utilized in the field's subdisciplines. This course provides students the opportunity to consider fundamental research questions in Kinesiology and explore issues related to evaluation. Investigation into the field's research literature including an analysis of the research methods and statistical tests used is a major focus of the course.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

KINES 020 - Introduction to Sport and Recreation Management**Lower Division****Prerequisites**

KINES 010 and KINES 015 (concurrent enrollment in KINES 015 is allowed), or for non-majors, permission of the instructor.

A survey of key topics associated with sport and recreation management during which students will analyze the concepts and methods of administering sport and recreation service organizations. Course components include: A survey of sport management systems in the US, including legislative authorization and controls; strategic management; sport-sales and revenue; sport communication; sport marketing and branding; consumer behavior; and human resource management. This course also includes an integrative, sport management-related field experience.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

Kinesiology - Upper Division**KINES 102 - Structural Biomechanics****Upper Division****Prerequisites**

KINES 010, KINES 015 (concurrent enrollment in KINES 015 is allowed), and BIOL 013/BIOL 014 (concurrent enrollment in BIOL 013/BIOL 014 is allowed), or for non-majors, permission of the instructor

The study of human movement from the point of view of the physical sciences. Fundamentals of human motion are examined from the anatomical, physiological, and biomechanical perspectives with an emphasis on motor skill application.

Course credits: 1

KINES 105 - Facility and Event Management**Upper Division****Prerequisites**

KINES 010, KINES 015, and KINES 020 (or for non-majors, permission of the instructor).

A study of the organization and supervision of recreation facilities as well as the concepts and methods of planning/producing sporting events. Course components include: facility operations and management, policies and procedures, budgeting, staffing, event planning/management, crowd control and security, programming/scheduling, maintenance, and risk management. Trends influencing the design and operations of sport facilities will be discussed.

Course credits: 1

KINES 106 - Women in Sport

Upper Division

Prerequisites

KINES 010 and KINES 015 (or for non-majors, permission of the instructor).

This course will analyze the relationship between gender and sport from multiple perspectives. Emphasis will be placed on exploring the changing roles in sports for women, as well as how past and current beliefs regarding gender equity, health, and women's role in society shape the experiences of women in sports in our society today. Topics will include: the history of women in sport, structural constraints facing women in sport, race and ethnicity, women's health issues, sexuality and homophobia as they pertain to sport, the role of the media, the sporting body, Title IX and career opportunities for women, and the future of sports for women in our society.

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good

Course credits: 1

KINES 107 - Nutrition for Sport and Physical Activity

Upper Division

Prerequisites

KINES 010, KINES 015; and CHEM 002, CHEM 003 or BIOL 025, BIOL 026 (or for non-majors, permission of the instructor).

Integrates the scientific foundations of nutrition and exercise. Focus is on the application of nutrition principles in order to achieve optimal health and performance. Special topics include optimizing wellness, physical fitness and performance through diet, the use of ergogenic aids, weight loss and gain techniques, eating disorders and sport-specific nutrition planning.

Course credits: 1

KINES 108 - Legal and Administrative Issues

Upper Division

Prerequisites

KINES 010, KINES 015, and KINES 020 (or for non-majors, permission of the instructor).

Provides each student with a broad analysis of the United States' legal system and to the major cases and laws that make up the legal aspects of sport, recreation, and physical activity. Particular attention will be paid to proactive risk management strategies for teachers, coaches, and administrators that will minimize their organizations' legal liability. Topics include: an overview of the legal system, negligence, intentional torts, risk management, contracts, constitutional law, federal statutes and discrimination, and intellectual property law.

Course credits: 1

KINES 109 - Care and Prevention of Athletic Injuries

Upper Division

Prerequisites

KINES 010, KINES 015 (concurrent enrollment in KINES 015 is allowed), and BIOL 013/BIOL 014 (concurrent enrollment in BIOL 013/BIOL 014 is allowed), or for non-majors, permission of the instructor

Provides students with a broad foundation of sports medicine concepts. While the focus is on injury prevention, students will develop a greater understanding of the terminology and concepts related to acute injury recognition and the care, evaluation and treatment of common sport and fitness related injuries/conditions. Administration concepts will also be covered. Students will learn to demonstrate various taping applications and practice clinical skills. Students must complete observation hours with local certified athletic trainers.

Fee

Course fee \$50.

Course credits: 1

KINES 110 - Exercise Physiology

Upper Division

Prerequisites

KINES 010; KINES 015 or AHS 100 (concurrent enrollment in AHS 100 is allowed); BIOL 013, BIOL 014 and BIOL 025, BIOL 026 (or for non-majors, permission of the instructor).

A study of physiological parameters and mechanisms that determine the adaptations of the physiological systems of humans in response to exercise (e.g., exercise metabolism, work and fatigue; development of strength and flexibility; cardiorespiratory effects of exercise and training; sport activity in extreme environmental conditions-high altitudes, heat, cold; measurement of factors determining sport fitness).

Lecture and/or Lab Hours

This course includes a three-hour lab in addition to the three hours of lecture.

Course credits: 1

KINES 110L - Exercise Physiology Laboratory

Upper Division

Concurrently

Must be concurrently enrolled in KINES 110.

Laboratory to accompany KINES 110 Exercise Physiology. One lab per week for three hours.

Fee

Lab fee \$100.

Course credits: 0.25

KINES 111 - History of Sport

Upper Division

Prerequisites

KINES 010 and KINES 015 (concurrent enrollment in KINES 015 is allowed), or for non-majors, permission of the instructor.

Examines the sportive and exercise cultures of selected past societies. We begin by exploring the place of sport and exercise in ancient Sumer, Egypt, Mesoamerica, and (in more depth) Greece and Rome. During the second half of the semester the focus is on sporting experiences in North America. Our investigations center on physical activity among native Americans and early colonists and during the revolutionary and antebellum periods; the rise of rationalized sport during the Gilded Age and Progressive Era, the arrival of the so called Golden Age of Sport, and the intersections between sport, the mass media, and the Civil Rights Movement. We close with a brief history and analysis of athletics at Saint Mary's College of California.

Course credits: 1

KINES 112 - Sport and Exercise Psychology

Upper Division

Prerequisites

KINES 010; KINES 015 or AHS 100 (concurrent enrollment in KINES 015 / AHS 100 is allowed).

Examines contemporary psychological principles as they apply to the domains of sport and exercise. The course seeks to utilize relevant theories and empirical research in psychology, education, and allied health fields in order to inform best practices in sport and exercises as they related to motivation, leadership, group dynamics, performance enhancement, exercise and well-being, moral and social development, and career transitioning.

Course credits: 1

KINES 114 - Sociology of Sport and Physical Activity

Upper Division

Prerequisites

KINES 010 and KINES 015 (concurrent enrollment in KINES 015 is allowed), or for non-majors, permission of the instructor.

Examines the contemporary issues in sport and physical activity from a sociological perspective. Students will explore current sociological theories/paradigms, research techniques and analyze empirical research in sociology, education and related fields while focusing on the social and cultural structures, patterns and organizations associated with sport. Topics include the in-depth study of sport as it relates to: the socialization process, racial and gender equity, upward social mobility, politics, economics, and our educational system in North America.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

KINES 115 - Fitness Assessment and Exercise Prescription

Upper Division

Prerequisites

KINES 110/KINES 110L.

A course of study that covers laboratory and field tests used to assess physical fitness components as well as principles of exercise prescription. Test results are used to develop individualized exercise prescriptions to improve cardiorespiratory fitness, muscular fitness, body weight and body composition, flexibility, and stress levels. Creation of a comprehensive fitness assessment binder and participation in the GaelFit program are included, along with instruction on health screening, cardiovascular, muscular and flexibility assessment and program design.

Lecture and/or Lab Hours

This course includes a weekly three-hour lab in addition to the three hours of lecture.

Course credits: 1

KINES 115L - Fitness Assessment and Exercise Prescription Laboratory

Upper Division

Concurrently

Must be concurrently enrolled in KINES 115.

Laboratory to accompany KINES 115 Fitness Assessment and Exercise Prescription.

Lecture and/or Lab Hours

One lab per week for three hours.

Fee

Lab fee \$75

Course credits: 0.25

KINES 117 - Motor Learning and Control

Upper Division

Prerequisites

KINES 010 and KINES 015 (concurrent enrollment in KINES 015 is allowed), or for non-majors, permission of the instructor.

An in-depth exploration of the neuropsychological principles of human motor learning and control with an emphasis on studying the variety of variables that influence human performance and sport.

Course credits: 1

KINES 118 - Community Health

Upper Division

Investigates the history, concepts, and institutions that constitute the field of community health and community organizing. The demographic, socio-economic and epidemiological conditions of urban and rural regions are examined

as well as the processes by which communities and organizations work together to identify common problems and objectives, acquire and mobilize resources, and create and implement actions to achieve their goals. Student will gain field experience with community-based organizations and develop practical skills to promote community health issues.

Term Offered

Generally offered in alternate years.

Course credits: 1

KINES 122 - Principles of Strength and Conditioning**Upper Division****Prerequisites**

KINES 010, KINES 015, and KINES 102 (concurrent enrollment in KINES 102 is allowed), BIOL 013/BIOL 014 and BIOL 025/BIOL 026; or for non-majors, permission of the instructor.

This course will provide the student with an advanced understanding of the principles and methods necessary to design comprehensive strength and conditioning programs that enhance fitness and athletic performance. Students will use an evidence-based approach to critically analyze current research to develop and justify conditioning programs and techniques for a broad range of sports and activities. This course will also prepare the student for certifications in personal training and strength and conditioning.

Course credits: 1

KINES 122L - Principles in Strength and Conditioning Laboratory**Upper Division****Concurrently**

Must be concurrently enrolled in KINES 122.

Laboratory to accompany KINES 122 Principles of Strength and Conditioning.

Lecture and/or Lab Hours

One lab per week for three hours.

Fee

Lab fee \$50.

Course credits: 0.25

KINES 127 - Health Promotion: Planning and Evaluation**Upper Division****Prerequisites**

KINES 010, KINES 014, and KINES 015 (concurrent enrollment in KINES 015 is allowed), or for non-majors, permission of the instructor.

This course explores the systematic approach to planning, implementing, and evaluating health promotion programs in public agencies, community settings, worksites, educational settings, and health care settings. Various planning models

and theories in health promotion will be covered. Students will utilize these methodologies to develop a health promotion program.

Term Offered

Generally offered in alternate years.

Course credits: 1

KINES 128 - Global Impact of Physical Inactivity

Upper Division

Prerequisites

KINES 010; KINES 015 or AHS 100 (concurrent enrollment in AHS 100 is allowed); or for non-majors, permission of the instructor.

This course examines the global impact of physical inactivity on the world's major non-communicable diseases, including cardiovascular disease, type 2 diabetes, cancer, and neurodegenerative disorders. Topics include current levels of physical activity and trends worldwide, why some people are active and why some are not, evidence-based strategies for effective physical activity promotion, and how a multi-sector and systems-wide approach that goes far beyond medicine will be critical to increase population-levels of activity worldwide.

Core Curriculum Designation(s)

GP - Global Perspectives

Course credits: 1

KINES 130 - Multicultural Health and Wellness

Upper Division

Prerequisites

KINES 010; KINES 015 or AHS 100.

This course examines the relationship between culture and health and ways in which these variables intersect. It explores how public health and health promotion efforts can benefit from understanding and working within cultural processes, and provides conceptual tools for identifying and evaluating relationships between culture and health. It primarily deals with issues in the United States, but includes global perspectives of culture and health as well.

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good

Course credits: 1

KINES 131 - Sport and Social Justice

Upper Division

Prerequisites

KINES 010 and KINES 015 (concurrent enrollment in KINES 015 is allowed); or for non-majors, ENGL 004 or transfer equivalency and permission of the instructor.

The long-standing belief in the United States that sport involvement is positively developmental has led to it being utilized as a solution to enduring social problems. In this course we critically examine the root idea that sport participation is positively developmental and that it can serve as a viable vehicle for advancing social justice in modern America. We consider the relevance of these topics to our Lasallian mission, examine the extensive history of sport being harnessed for its perceived ability to improve the human condition, and explore the most important scholarly literature focused on whether or not sport participation really can be credited with positive human development and social change. The link between current sport development research and its community application is explored during off-campus visits to organizations that use sport to serve local at-risk youth communities.

Course credits: 1

KINES 132 - Sports Marketing

Upper Division

Prerequisites

KINES 010 , KINES 015, and KINES 020 (or for non-majors, by permission of instructor).

This course explores basic marketing concepts as they are applied to sports organizations, both amateur and professional. It addresses unique challenges, limitations, and new trends in sports marketing, as well as the marketing of sports products and the use of sports to market non-sports products. Topics include the sports marketing mix, market segmentation, sports consumer behavior, branding, and sponsorship.

Term Offered

Spring

Course credits: 1

KINES 195 - Internship

Upper Division

Prerequisites

KINES 010, KINES 015, and KINES 020 for Sport and Recreation Management students; KINES 010, KINES 014, and KINES 015 for Health Promotion students; KINES 010 and KINES 015 for Exercise Science students.

Work practice in the field of sport and recreation management, health promotion, or exercise science. The internship experience is planned in close consultation with and supervised by a Department of Kinesiology faculty member.

Course credits: 1

KINES 197 - Special Study

Upper Division

Prerequisites

Permission of instructor and department chair are required. KINES 010 and KINES 015.

An independent study or research course for students whose needs are not met by the Department of Kinesiology's regular course offerings.

Course credits: Credit may vary

KINES 199 - Special Study - Honors

Upper Division

Prerequisites

Permission of instructor and department chair are required. KINES 010 and KINES 015.

An independent study or research course for upper-division majors with a B average or better in Kinesiology coursework.

Course credits: Credit may vary

Latin - Lower Division

LATIN 001 - Elementary Latin

Lower Division

Beginner's course. Morphology, syntax, exercises in composition and translation.

Course credits: 1

LATIN 002 - Elementary Latin

Lower Division

Prerequisites

LATIN 001.

Continuation of LATIN 001.

Course credits: 1

LATIN 003 - Intermediate Latin

Lower Division

Prerequisites

LATIN 002.

Reading of prose. Deepened study of language.

Course credits: 1

LATIN 004 - Intermediate Latin

Lower Division

Prerequisites

LATIN 003.

Reading of poetry.

Course credits: 1

Latin - Upper Division

LATIN 101 - Cicero

Upper Division

Prerequisites

LATIN 003 & LATIN 004, or acceptable equivalents

The full variety of Cicero's texts is sampled, and he is located within the history of the Roman Republic.

Course credits: 1

LATIN 102 - Roman Historians

Upper Division

Prerequisites

LATIN 003 & LATIN 004, or acceptable equivalents

A study of representative texts of Sallust, Livy and Tacitus, with attention to the widest range of interpretative problems.

Course credits: 1

LATIN 103 - Patristic Latin

Upper Division

Prerequisites

LATIN 003 & LATIN 004, or acceptable equivalents

Texts of Tertullian, Augustine and Boethius are read, with special attention to Confessions.

Course credits: 1

LATIN 104 - Roman Comedy

Upper Division

Prerequisites

LATIN 003 & LATIN 004, or acceptable equivalents

A study of the plays of Plautus and Terence, with attention to contemporary social history and the traditions of the stage.

Course credits: 1

LATIN 108 - Horace

Upper Division

Prerequisites

LATIN 003 & LATIN 004, or acceptable equivalents

A study of Horace's major lyrics, with admission of various methods of interpretation for discussion.

Course credits: 1

LATIN 109 - Roman Law

Upper Division

Prerequisites

LATIN 003 & LATIN 004, or acceptable equivalents

The nature and history of Roman law is studied in translation. Its theoretical and historical relation to common law is examined.

Course credits: 1

LATIN 110 - Virgil

Upper Division

Prerequisites

LATIN 003 & LATIN 004, or acceptable equivalents

The entire corpus of Virgil's writing is sampled. Philosophical and literary problems are examined.

Course credits: 1

LATIN 199 - Special Study - Honors

Upper Division

Prerequisites

Permission of instructor and department chair is required.

An independent study or research course for upper-division majors with a B average in Latin.

Additional Notes

Course normally requires Latin composition. On an individual basis, students work with composition textbooks to submit for revision their own renderings in Classical Latin.

Course credits: 1

Mathematics - Lower Division

MATH 002 - Mathematics Readiness

Lower Division

Prerequisites

Level One placement, or permission of Placement Coordinator.

This course covers basic algebra and geometry concepts including number systems, polynomials, solving equations and inequalities, graphs, functions, lines, systems of equations, sets and operations, ratios, proportions, measurement and percentages. Emphasis is on problem solving, critical thinking and mathematical reasoning.

Term Offered

Offered each fall and spring.

Additional Notes

This course does NOT satisfy the Mathematical Understanding requirement of the Core Curriculum. Intended for students needing MATH 003 for their major.

Course credits: 1

MATH 003 - Finite Mathematics

Lower Division

Prerequisites

MATH 002 or Level Two placement, or permission of Placement Coordinator.

Topics and applications may include linear equations and matrices, linear programming, probability, finance, Markov chains, game theory and graphs. The emphasis is on applications to business and management sciences.

Core Curriculum Designation(s)

MU - Mathematical Understanding

Term Offered

Offered each fall and spring.

Course credits: 1

MATH 004 - Introduction to Probability and Statistics

Lower Division

Prerequisites

MATH 002 or Level Two placement, or permission of Placement Coordinator.

This course covers the study of combinations and permutations, descriptive and inferential statistics, probability and probability distributions, hypothesis testing, regression and correlation, and applications in a variety of practical settings. Students may not receive credit for both this course and BUSAD 040.

Core Curriculum Designation(s)

MU - Mathematical Understanding

Term Offered

Offered each fall and spring.

Additional Notes

Students may not receive credit for both this course and BUSAD 040.

Course credits: 1

MATH 005 - Mathematics Concepts for the Elementary School Teacher I

Lower Division

Prerequisites

MATH 002 or Level Two placement, or permission of Placement Coordinator.

The first in a two-course sequence designed for the mathematical preparation of the future elementary school teachers. Covers three of the five California Mathematics Standards; (i) Number and Quantity, (ii) Algebra and Functions, and (iii) Modeling and Problem Solving. Emphasis is on connecting the mathematical content with the Standards of Mathematical Practice from the California Common Core State Standards of Mathematics. This course is only for education track and Teacher for Tomorrow program students in the Justice, Community, and Leadership program.

Term Offered

Offered every fall.

Additional Notes

This course does NOT satisfy the Mathematical Understanding requirement of the Core Curriculum.

Course credits: 1

MATH 006 - Mathematics Concepts for the Elementary School Teacher II

Lower Division

Prerequisites

MATH 005.

This is the second course in the two-course sequence. The content addressed covers two of the five California Mathematics Standards; (iv) Geometry and (v) Probability and Statistics. Emphasis will be placed on connecting the content with the Standards of Mathematical Practice from the California Common Core State Standards of Mathematics and mathematical reasoning. This course is only for education track and Teacher for Tomorrow program students in the Justice, Community, and Leadership program.

Core Curriculum Designation(s)

MU - Mathematical Understanding

Term Offered

Offered every spring.

Course credits: 1

MATH 010 - The Art and Practice of Mathematics

Lower Division**Prerequisites**

ENGL 005 and SEM 002.

A reflective examination of basic mathematical ideas and patterns. Through participation in the discovery and development of mathematical ideas the student will view the subject as a vehicle for human creativity. The course traces the historical and contemporary role of appropriate mathematical topics.

Core Curriculum Designation(s)

MU - Mathematical Understanding

Term Offered

Offered each fall and spring.

Course credits: 1

MATH 012 - Mathematics Readiness for Calculus**Lower Division****Prerequisites**

Level One or Two placement, or permission of Placement Coordinator.

This course includes the basic study of number systems, linear equations and inequalities, quadratic equations and inequalities, polynomials, rational expressions, radicals, exponentials, functions, inverse functions, logarithmic and exponential functions, angles, triangles, surface area, volume and applications. Emphasis will be placed on problem solving, critical thinking and mathematical reasoning. Meets four days a week.

Term Offered

Offered every fall.

Additional Notes

This course does NOT satisfy the Mathematical Understanding requirement of the Core Curriculum. Intended for students needing Calculus for their major.

Course credits: 1

MATH 013 - Calculus with Elementary Functions I**Lower Division****Prerequisites**

MATH 012 or Level Three placement, or permission of Placement Coordinator.

The differential calculus of polynomial, rational and algebraic functions, combined with the necessary pre-calculus background review. The Math 13-MATH 014 sequence is equivalent to MATH 027, and is intended for students needing calculus as part of their major who need to strengthen their pre-calculus skills. Meets four days a week.

Core Curriculum Designation(s)

MU - Mathematical Understanding

Term Offered

Offered each fall and spring. Offered in Jan Term for students earning a B- or better in MATH 012.

Course credits: 1

MATH 014 - Calculus with Elementary Functions II

Lower Division

Prerequisites

MATH 013 or permission of Placement Coordinator.

The differential calculus of trigonometric, logarithmic and exponential functions combined with the necessary pre-calculus background review. The MATH 013 -14 sequence is equivalent to MATH 027, and is intended for students needing calculus as part of their major who need to strengthen their pre-calculus skills. Meets four days a week.

Term Offered

Offered each fall and spring. Offered in Jan Term for students earning a B- or better in MATH 013.

Course credits: 1

MATH 027 - Calculus I

Lower Division

Prerequisites

Level Four placement, or permission of Placement Coordinator.

Limits, continuity, mathematical reasoning, the derivative, applications of the derivative, antiderivatives and the integral.

Core Curriculum Designation(s)

MU - Mathematical Understanding

Term Offered

Offered each fall and spring.

Course credits: 1

MATH 028 - Calculus II with Applications

Lower Division

Prerequisites

MATH 027 or equivalent.

Topics include techniques and applications of integration, first order differential equations, functions of several variables, double integrals and applications. This course is designed for students majoring in the life sciences, health sciences, business administration, psychology and accounting.

Term Offered

Offered each fall and spring.

Course credits: 1

MATH 038 - Calculus II

Lower Division

Prerequisites

MATH 027 or equivalent.

Topics include techniques and applications of integration, infinite sequences and series, power series, polar coordinates and inverse trigonometric functions. This course is designed for mathematics, physics, computer science, engineering, and chemistry majors.

Term Offered

Offered every spring.

Course credits: 1

MATH 039 - Calculus III

Lower Division

Prerequisites

MATH 038 or equivalent.

A rigorous treatment of limits for functions of one and several variables, differentiation and integration of functions of several variables, coordinate systems, vectors, line and surface integrals, Green's, Stokes' and the divergence theorem. Meets four days a week.

Term Offered

Offered every fall.

Course credits: 1

MATH 099 - Math Games

Lower Division

Prerequisites

MATH 003, MATH 004, MATH 013, MATH 027 or equivalent.

This course focuses on interacting with middle school or high school students and helping them to learn, enjoy, and become more confident in their mathematical abilities. Students will learn the details of various mathematical games, as well as strategies and outcomes related to those games. They will then teach middle or high school students about the games, as well as help the students with their other mathematical needs.

Core Curriculum Designation(s)

CE - Community Engagement

Term Offered

Offered every spring.

Course credits: 1

Mathematics - Upper Division

Most upper-division courses are offered on a biannual rotation. See the departmental webpage for the schedule.

MATH 103 - Introduction to Upper Division Mathematics

Upper Division

Prerequisites

ENGL 005 and MATH 028 or MATH 038.

An introduction to mathematical logic and proofs. Includes an introduction to Abstract Algebra. Students will learn to write proofs using standard proof- writing organization and terminology. Topics from algebra will include the division algorithm, modular arithmetic, and groups.

Core Curriculum Designation(s)

WID - Writing in the Disciplines. Completion of MATH 103 and MATH 196 satisfies the Writing in the Disciplines requirement of the Core Curriculum.

Term Offered

Offered every fall.

Course credits: 1

MATH 111 - Abstract Algebra I

Upper Division

Prerequisites

MATH 103 and MATH 120.

Topics covered include Modules, vector spaces, fields and Galois theory.

Term Offered

Offered in spring each even year.

Course credits: 1

MATH 113 - Probability and Statistics

Upper Division

Prerequisites

MATH 028 or MATH 038.

Discrete and continuous random variables, expectation and variance, independence, distributions and the Central Limit Theorem. Survey of statistical methods: estimation, sampling, hypothesis testing, linear regression and confidence intervals.

Term Offered

Offered in fall each odd year.

Course credits: 1

MATH 114 - Mathematical Modeling**Upper Division****Prerequisites**

MATH 028 or MATH 039, and MA/CS 021.

An introduction to the formulation, analysis and interpretation of results of mathematical models in the study of real-life problems chosen from the various areas of natural sciences, social sciences, economics and business.

Term Offered

Offered in spring each odd year.

Course credits: 1

MATH 115 - Number Theory**Upper Division****Prerequisites**

MATH 103.

Results studied include the Fundamental Theorem of Arithmetic, the Euclidean algorithm, Fermat's Little Theorem and Euler's generalization, Diophantine equations and the Law of Quadratic Reciprocity.

Term Offered

Offered in spring each even year.

Course credits: 1

MATH 120 - Linear Algebra with Applications**Upper Division****Prerequisites**

MATH 028 or MATH 038.

Matrices, simultaneous linear equations, linear transformations, vector spaces, bases, determinants, eigenvectors, Gram-Schmidt orthonormalization, techniques of mathematical proof and applications of linear algebra. Meets four times a week.

Term Offered

Offered every spring.

Course credits: 1

MATH 131 - Topology

Upper Division

Prerequisites

MATH 103.

This course covers the fundamentals of point-set topology including topological spaces, metric spaces, continuous maps, separation axioms, connectedness, and compactness.

Term Offered

Offered in fall each odd year.

Course credits: 1

MATH 134 - Differential Equations

Upper Division

Prerequisites

MATH 039, or MATH 038 and MATH 120.

Ordinary differential equations, existence and uniqueness theorems, some numerical methods, Laplace transforms, series solutions, linear systems with constant coefficients, partial differential equations, separation of variables, Fourier series.

Term Offered

Offered every spring.

Course credits: 1

MATH 140 - Combinatorics and Discrete Mathematics

Upper Division

Prerequisites

MATH 028 or MATH 038.

This course focuses on discrete structures and their relations. Topics may include counting techniques, relations, graph theory and logic.

Term Offered

Offered in fall each even year.

Course credits: 1

MATH 150 - Real Analysis

Upper Division

Prerequisites

MATH 039 and MATH 103.

A rigorous study of the theory of single variable calculus, including completeness properties of the real number system, sequences of real numbers, continuity and uniform continuity of functions, differentiation of functions, the Riemann integral, sequences of functions and metric spaces.

Term Offered

Offered in spring each odd year.

Course credits: 1

MATH 185 - Complex Variables

Upper Division

Prerequisites

MATH 039 and MATH 103.

Differentiation and integration of analytic functions of a complex variable, power series, residues, conformal mappings.

Term Offered

Offered in fall each even year.

Course credits: 1

MATH 190 - Special Topics in Mathematics

Upper Division

Prerequisites

Vary with topics.

An upper division mathematics course not listed above, such as differential geometry, numerical analysis, graph theory, or real analysis.

Term Offered

Offered in fall each odd year.

Repeatable

May be repeated as topics vary.

Course credits: 1

MATH 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: Credit may vary

MATH 196 - Capstone Experience

Upper Division

Prerequisites

MATH 103

An in-depth critical examination of a topic or topics in contemporary mathematics. The course consists of directed reading, presentations, research and the writing of a final essay under the supervision of the instructor. At the conclusion of the semester students are expected to present their work at a departmental colloquium of faculty and students.

Core Curriculum Designation(s)

WID - Writing in the Disciplines. Completion of MATH 103 and Math 196 satisfies the Writing in the Disciplines requirement of the Core Curriculum.

Term Offered

Offered in the spring.

Course credits: 1

MATH 197 - Special Study

Upper Division

Prerequisites

Permission of the chair is required.

Independent research of topics not covered in listed courses.

Course credits: Credit may vary

MATH 199 - Special Study - Honors

Upper Division

Prerequisites

Permission of the chair is required.

Independent study or research for majors with at least a B average in mathematics.

Course credits: Credit may vary

Performing Arts - Lower Division

PERFA 001 - Perceiving the Performing Arts

Lower Division

Professional artists in the fields of dance, music and theatre introduce students to the fundamental concepts of their respective disciplines. Students go to Bay Area performances in each art form studied. Team taught.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

Performing Arts - Upper Division

PERFA 197 - Special Study

Upper Division**Prerequisites**

Permission of the chair and instructor required.

An independent study, internship or research course for students whose needs are not met by the regular course offerings of the department.

Course credits: Credit may vary

PERFA 198 - Senior Project

Upper Division**Prerequisites**

Completion of all lower-division major courses.

During their senior year, majors in dance, music or theatre, under the supervision of a faculty member, are required to develop a project that demonstrates their expertise and creativity. The project may take the form of a solo performance, involvement with a performing arts group off campus, a substantive research essay, or directing/choreographing a student production. A written proposal must be approved by the appropriate program director prior to registration for the academic year in which the project will occur.

Course credits: 1

Performing Arts - Dance

PERFA 070 - Commercial Dance Courses

Lower Division

Beginning through intermediate studio instruction in dance including Jazz, Tap, Hip-hop, Ballroom, and Social Dance.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 071 - Somatic Dance Courses

Lower Division

Beginning through intermediate studio instruction in Somatics, Yoga and Pilates.

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 072 - World Dance Courses

Lower Division

Beginning through intermediate studio instruction in non-Western traditions including but not limited to West African Dance, Ballet Folklorico (Mexican Folk Dance), Chinese Dance, and Latin Dances.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 075 - Modern/Contemporary Dance Courses

Lower Division

Beginning through intermediate studio instruction in Modern / Contemporary Dance. Also listed as Dance Company I, II, III, or IV.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 076 - Ballet Technique Courses

Lower Division

Beginning through intermediate studio instruction in Ballet and Pointe.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 077 - Technique Lab

Lower Division

Beginning through intermediate studio instruction in Contact Improvisation, Gaga, Improvisation, Partnering or Modern/Contemporary Dance in a workshop setting.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 080 - Dance Science

Lower Division

This course is an introductory overview of the basic principles of human anatomy and kinesiology and their applications within the context of dance training and practice. It will emphasize comprehension of the structure and function of the skeletal and muscular systems with an approach that is somatic and experiential. Basic Bartenieff Fundamentals will be studied as a framework for developing an embodied understanding of the structure and movement of the human body. Movement analysis, principles of conditioning and injury prevention, and basic nutrition will also be addressed.

Course credits: 1

PERFA 084 - Dance and Film

Lower Division

Dance and film have evolved as two separate art forms. What happens when the two art forms meet? This course will study the American Musicals on film, MTV, dance documentaries, and dances made for the camera. When we look at the big picture - a dance film - we will use the 'Strand Model' proposed by Choreological Studies as a tool to practice observational and basic analysis skills. In the course, students will also learn basic camera and editing skills to create their own dance videos.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

PERFA 090 - Choreography I (.5) and Choreography I Lab (.5)

Lower Division

Concurrently

Students must enroll in both sections of PERFA 090 (Choreography I and Choreography I Lab).

This course begins the study of making dances while focusing on the solo and duet form. Students will learn the basic tools of choreography including: symmetry and asymmetry, phrasing, dynamics, rhythm, motivation, and music. Through intense use of structured improvisation, and movement assignments, students will discover further ways to generate movement and expand their own movement vocabulary. Students will learn to take risks and create challenges to enable experimentation and innovation.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Course credits: 1

PERFA 170 - Commercial Dance Courses

Upper Division

Intermediate through advanced studio instruction in dance including Jazz, Tap, Hip-hop, Ballroom, and Social Dance.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 171 - Somatic Dance Courses

Upper Division

Intermediate through advanced studio instruction in Somatics, Yoga and Pilates.

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 172 - World Dance Courses

Upper Division

Intermediate through advanced studio instruction in non-Western traditions including but not limited to West African Dance, Ballet Folklorico (Mexican Folk Dance), Chinese Dance, and Latin Dances.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 175 - Modern/Contemporary Dance Courses

Upper Division

Intermediate through advanced studio instruction in Modern / Contemporary Dance, also listed as Dance Company I, II, III, or IV.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 176 - Ballet Technique Courses

Upper Division

Intermediate through advanced studio instruction in Ballet and Pointe.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 177 - Technique Lab

Upper Division

Intermediate through advanced studio instruction in Contact Improvisation, Gaga, Improvisation, Partnering or Modern/Contemporary Dance in a workshop setting.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit.

Course credits: 0.25

PERFA 180 - Laban and Bartenieff Movement Studies

Upper Division

Concurrently

This course must be taken concurrently with PERFA 180L.

Prerequisites

The prerequisite for this course is PERFA 080 Dance Science or the equivalent.

This course is an introduction to the theoretical system of Laban Movement Analysis that provides a framework for observing, describing and analyzing human movement patterns and understanding non-verbal actions and communication, as developed by movement pioneer Rudolph Laban. Laban Movement Analysis (LMA) is a comprehensive and holistic system that examines the fundamental elements and layers embedded in all patterns of human movement, providing a language for movement description and inquiry. The study of LMA, including the physical study of the Bartenieff Fundamentals exercises, not only increases awareness of the basic principles of human movement, but can also provide a connective framework for how we as embodied beings create and communicate knowledge.

Lecture and/or Lab Hours

The class has two parts: 1) lecture and discussion, 2) experiential lab.

Course credits: .5

PERFA 180L - Laban and Bartenieff Movement Studies Lab

Upper Division

Concurrently

This course must be taken concurrently with PERFA 180.

Prerequisites

The prerequisite for this course is PERFA 080 Dance Science or the equivalent.

In this class students will approach inquiry as a creative process through which cognitive and kinesthetic abilities continually and integrally evolve. Through observations, experiential explorations, class discussions, group projects/presentations, individual movement practice, and a final synthesis project, students will be immersed in the perspective on human movement that the LMA system provides, and the inquiries towards which it can be applied. The Laban systems of Body (Bartenieff movement studies), Effort, Shape, and Space will be the basis of the experience.

Lecture and/or Lab Hours

The class has two parts: 1) lecture and discussion, 2) experiential lab.

Course credits: .5

PERFA 181 - Asian Dance in the Contemporary World

Upper Division

Classical dance is a significant symbol for contemporary Asian nation states and their diasporas. This course investigates the category of "classical dance" and its performative value as a concept. Students will examine the key sources upon which the dances are based; survey the histories of the forms that comprise the canon; and situate the revival, reconstruction, and institutionalization of classical dance as a symbol of national identity and heritage in four nations. The course also examines the relationship between dance, transformation, cultural exchange, colonialism, nationalism, religion, and social history.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); GP - Global Perspectives

Course credits: 1

PERFA 182 - Dance History I

Upper Division

This course examines the emergence of ballet as an art form in the West from its roots in Greek drama and theatre, to court dancing of the 16th and 17th centuries, the Romantic period of the 19th century, to the development of modern dance in the early 20th century. Students take a close look at the socio-political, historical, and feminist context of the history of dance. A lab fee is charged to cover the performances required for this class. This class is a requirement for Dance majors and minors.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

PERFA 183 - Dance History II

Upper Division

This course examines the emergence and development of modern dance in the 20th Century in the United States and Europe. The class will study the early roots of modern dance, the subsequent generations of modern dance choreographers, the postmodern movement and contemporary forms in the late 20th and early 21st centuries. We will study significant choreographers, performers and companies, paying close attention to the role women played in the history of modern dance. We will draw from social, cultural and feminist theories of dance to construct a historical understanding of modern dance. This course is a requirement for Dance majors and minors.

Fee

A lab fee is charged to cover the performances required for this class.

Course credits: 1

PERFA 184 - Dance in Performance

Upper Division

Prerequisites

ENGL 005.

This course examines dance from a critical and intersectional perspective through the lenses of power and privilege, using the medium to explore race, ethnicity, gender, class, sexuality, ability, age, etc. The class attends dance concerts around the Bay Area; the concerts are selected to engage with a variety of dance styles, venues, and ideas and the class dialogue about them is at the central work of the course. This course is writing intensive.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); AD - American Diversity; WID - Writing in the Disciplines

Fee

A lab fee of \$200 will cover the cost of concert tickets.

Course credits: 1

PERFA 185 - Dance Pedagogy

Upper Division

Prerequisites

PERFA 080 Dance Science.

Dance Pedagogy is the study of the art and instructional methods of teaching dance. The class will focus on teaching dance to students in grades 6-12. The course addresses curriculum writing, lesson planning, class structure, assessment/grading, and practice in dance pedagogy, including preparation of syllabi and studio teaching practice. Students will gain an understanding of how particular topics, problems, or issues within the dance curriculum are organized, represented and adapted to the diverse interests and abilities of learners, and presented in the dance studio/classroom.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

PERFA 190 - Choreography II

Upper Division

Prerequisites

PERFA 090 or a Jan Term Choreography class.

This course explores how to make group dances. Through intense use of improvisation, and movement assignments, students will discover further ways to generate movement and expand their own movement vocabulary. Students will be asked to take risks and create challenges to enable experimentation and innovation. The course will encourage the student to make conscious choices to clearly deliver their messages through dance. This course will also discuss the use of metaphor, music, and theme development.

Course credits: 0.25

PERFA 191 - Advanced Choreography

Upper Division

Prerequisites

PERFA 190.

The advanced choreography class continues the study of how to make dances. Based on the basic design elements of dance making, the students will discover further choreographic strategies to create solo and group dances. Students will be asked to take risks and create challenges to enable experimentation and innovation. The subject matter for this course will vary depending on the professor. Possible topics of study include but are not limited to site-specific work, dance and video/film, Laban movement concepts.

Course credits: 0.25

PERFA 192 - Dance Company Rehearsal/ Repertory

Upper Division

This course prepares students for the annual spring dance concert through weekly rehearsals. Open to Saint Mary's

College Dance Company members only, the students will have the opportunity to learn new works created for the company and/or existing repertory pieces by current dance faculty and/or guest artists.

Repeatable

May be repeated for credit.

Additional Notes

Enrollment is by audition only.

Course credits: 0.25

PERFA 194 - Dance Production

Upper Division

Onstage and backstage preparation for the fall and spring dance concerts including all informal showings, technical and dress rehearsals, and final performances both on and off campus.

Repeatable

May be repeated for credit.

Course credits: 0.25

Performing Arts - Music

PERFA 010 - Introduction to Music: Rock to Bach:

Lower Division

Students in this class cultivate the ability to listen more deeply as we explore the evolution of classical music from its beginnings to modern times, eventually leading to jazz, blues and early rock developments. Students are exposed to more than three dozen composers.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

PERFA 011 - Music Fundamentals

Lower Division

Students learn to read musical notation and study the basic construction of music through scales, key signatures, chords, and the relationship between melody and harmony.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

PERFA 012 - Beginning and Intermediate Piano

Lower Division

We offer group instruction for guitar and piano. Open to music and non-music majors/minors for beginning and intermediate levels.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated for credit every semester.

Course credits: 0.25

PERFA 012-01 & -02 - Beginning & Intermediate Piano**Lower Division**

This course provides a basic through intermediate knowledge of the keyboard, music-reading skills, rhythmic development, and piano technique. Topics include transposition, improvisation, and composition. Class time is composed of group time and individual time and culminates with in-class performances of beginning-intermediate level repertoire.

Core Curriculum Designation(s)

CP - Creative Practice

Course credits: 1

PERFA 012-04 & -05 - Beginning & Intermediate Guitar**Lower Division**

This course introduces students to fundamental-intermediate level guitar techniques with an emphasis on reading and performing as a soloist and in an ensemble. Classical and folk styles include basic single note melodies, scales, arpeggio patterns, and chords. Activities include some solo/ensemble performance, plus individualized repertoire depending on abilities.

Core Curriculum Designation(s)

CP - Creative Practice

Course credits: 1

PERFA 012-08 - Jazz Techniques**Lower Division****Prerequisites**

Jan Term Jazz Choir.

On alternating semesters, this course engages either instrumentals or vocalists to learn about the theory (harmony and modes) and phrasing (articulation and style) that brings jazz to life, including how to swing, improvise, and play the blues. Typically offered for vocalists in the fall and instrumentalists in the spring.

Core Curriculum Designation(s)

CP - Creative Practice

Additional Notes

Audition required.

Course credits: 1

PERFA 012-09 - Musical Theatre/Cabaret**Lower Division**

For experienced singers, this is a study of the theatrical and dramatic delivery of solo Musical Theatre repertory, collaboratively taught by theater and vocal faculty.

Core Curriculum Designation(s)

CP - Creative Practice

Term Offered

Offered in fall only.

Course credits: 1

PERFA 014 - World Music and Dance**Lower Division**

A survey of music and dance from China, Japan, India, Indonesia, Africa, the Middle East, and Latin America.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

PERFA 018 - Lyric Diction**Lower Division**

This course explores pronunciation and articulation that enables vocalists to articulate discernable and rhetorically expressive singing (and acting) in four different languages (English, German, Italian, and French). Study focuses on learning and utilizing The International Phonetic Alphabet (a universal phonetic alphabet) to express musical lyrics from classical solo or choral music.

Term Offered

Typically offered in the fall on odd-numbered years.

Course credits: 1

PERFA 019 - Performing Ensembles**Lower Division**

All ensembles welcome people of all majors and minors (majoring or minoring in music is not required). Ensembles may be repeated for credit every semester.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Course credits: 0.25

PERFA 019-01 & 019-08 - Glee Club

Lower Division

Prerequisites

Suggested Beginning Piano, Vocal Science I and II, Extreme Musicianship, and Music Fundamentals.

This auditioned ensemble focuses on developing intermediate-advanced ensemble musicianship and artistry in performance of mostly a cappella choral arrangements in contemporary music styles (pop, jazz, funk, rock, etc.). Study includes vocal technique, diction, movement, rhythmic development, and the discernment of intervals, complex harmonies, and modes. Performs 6-8 times each semester on and off campus, participates in festivals and competitions, and tours regionally and internationally. Auditions occur the first week of fall semester, and the first week of spring if openings emerge.

Course credits: 1

PERFA 019-02 - Chamber Musicians

Lower Division

Concurrently

Concurrent enrollment in a section of PERFA 112 is required.

This course involves players of most orchestral instruments organized into a variety of small ensembles and includes a Liturgical Music Team option. Chamber ensembles require an audition, and range in size from duos to quintets, with each student playing one-on-a-part. The Liturgical Music Team is typically 10-15 singers (includes all skill levels) alongside 2-3 auditioned instrumentalists. Study focuses on developing technical, musical, and expressive skills as students also hone their ability to be communicative and responsive in small group settings. Ensembles meets 1-2.5 hours per week, performs 3-4 times each semester on campus.

Course credits: 1

PERFA 019-03 & 019-07 - Jazz Band

Lower Division

This widely acclaimed ensemble prepares charts from a variety of jazz styles with a focus on developing musicianship and artistry. The group performances 4-5 times each semester with some off campus activity including participating in festivals. Although non-audition, experience is preferred.

Course credits: 1

PERFA 019-04 - Orchestra

Lower Division

St. Mary's students with experience on orchestral instruments are invited to play as part of the Contra Costa Chamber Orchestra-the resident chamber orchestra for the Leshner Center for the Arts in Walnut Creek. The orchestra performs the great canon of classical repertoire 2-3 times each semester. SMC students arrange carpools together to attend weekly, off-campus rehearsals. The orchestra presents 3-5 concerts at the Leshner and the beautiful El Campanil Theatre in Antioch.

Additional Notes

Admitted by audition.

Course credits: 1

PERFA 019-05 - Wind Symphony**Lower Division**

St. Mary's students who are experienced players of wind, brass, and percussion instruments are invited to play (and earn course credit) as part of the dynamic Diablo Wind Symphony, which is made up of 46 outstanding high school and college musicians in the area. SMC students arrange carpools together to attend weekly, off-campus rehearsals. The ensemble presents two concerts (at the Leshner Center for the Arts in Walnut Creek, and the theaters of Los Medanos College and Campolindo High School).

Additional Notes

Admitted by audition.

Course credits: 1

PERFA 019-06 - Chamber Singers**Lower Division****Concurrently**

Concurrent enrollment in Glee Club required.

Prerequisites

Suggested Vocal Science I and II, Beginning and Intermediate Piano, Extreme Musicianship, and Music Fundamentals.

This ensemble focuses on developing advanced ensemble musicianship and artistry in performance, with classic choral repertoire spanning the centuries in a variety of languages. Study includes vocal technique, diction, movement, rhythmic development, and the discernment of intervals, complex harmonies, and modes. Performs 5-8 times each semester, participates in festivals and competitions, and occasionally tours regionally and internationally.

Additional Notes

Admitted by audition

Course credits: 1

PERFA 019-09 - Sports Band**Lower Division**

Concurrently

Concurrent enrollment in PERFA 112, Private Music Instruction Lab is strongly encouraged.

This non-audition ensemble includes players of "pep band" instruments (e.g. winds, brass, percussion, guitar, bass, drums, etc.) and beyond, and welcomes students of all levels who have a passion for musically supporting athletic teams at SMC. Lead by an instructor, the group also developed and empowers students in leadership, and plays a wide variety of musical styles.

Course credits: 1

PERFA 019-11 - Vocal Science I**Lower Division**

The level I course, based on Estill Voice Training, establishes exactly (anatomically) how to use your voice to emulate every musical style imaginable, from belting to gospel to opera, in a vocally healthy way! Prerequisite: ability to match pitch

Term Offered

Typically, level I is offered in the fall, and level II is offered in the spring.

Course credits: 1

PERFA 019-12 - Vocal Science II**Lower Division****Prerequisites**

Vocal Science I

This level II course, based on Estill Voice Training, applies the fundamentals explored in Vocal Science I. Emphasizing vocally health in all singing, students explore ways to use a combination of anatomical engagement to create the specific recipes for six vocal qualities (from which further artistic exploration is nearly limitless).

Term Offered

Typically, level I is offered in the fall, while level II is offered in the spring.

Course credits: 1

PERFA 110 - Medieval and Renaissance Music**Upper Division**

An examination of various aspects of music from the Middle Ages through the 16th century, with a focus on musical forms, vocal and instrumental technique, and performance contexts.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 0.5

PERFA 111 - Music and Romanticism

Upper Division

The evolution of symphony, concerto, opera, solo repertoire, and other nineteenth-century musical developments are examined through the major works of Beethoven, Berlioz, Chopin, Brahms, Wagner, Mahler, Dvorak, and other composers. All the music is examined through the lens of Romanticism, a cultural movement that swept through the entire nineteenth century and informed all the art.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

PERFA 112 - Private Music Instruction Lab

Upper Division

Concurrently

Concurrent enrollment in a performing ensemble (PERFA 019) is required.

Prerequisites

Prerequisite for piano and guitar lessons: completion of two semesters of group instruction (PERFA 012).

Private instruction is offered for most orchestral instruments, piano, guitar, bass, and drums (classical and jazz styles). Activity includes participation in a weekly music instruction lab plus weekly, individually scheduled private lessons.

Repeatable

May be repeated for credit every semester.

Course credits: 0.25

PERFA 113 - Jazz and Blues in America

Upper Division

An examination of the development of jazz and blues in the United States from 19th-century precursors to the present. Major artists and trends are studied through directed listening and analysis of the cultural context from which they arose.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); AD - American Diversity

Course credits: 1

PERFA 114 - Music Theory/Ear Training

Upper Division

Prerequisites

PERFA 011 or permission of instructor.

Students learn basic principles of harmony (chords) and voice-leading, improve their music-reading skills, learn how to notate simple melodies, and identify types of chords and intervals by ear. Ability to read music is required before

enrolling in this class.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

PERFA 114L - Sight Singing and Ear Training

Upper Division

Concurrently

Students must be concurrently enrolled in PERFA 114.

Prerequisites

Prerequisite course is PERFA 011 Music Fundamentals, or the equivalent (students must have the ability to read music before enrolling in this class).

Study will be focused on learning to visually and aurally identify musical intervals to develop skills in music-reading. Class and homework activity will include analyzing and singing simple melodies with increasing difficulty (from beginning to intermediate levels).

Course credits: .25

PERFA 115 - Music in Performance

Upper Division

Prerequisites

PERFA 001.

This course emphasizes the history and aesthetics of music by attending live concerts throughout the Bay Area. Students hear music from all historical periods performed by outstanding orchestras, opera companies, chamber ensembles, and soloists in a variety of concert halls.

Course credits: 1

PERFA 116 - Keyboard Harmony

Upper Division

Prerequisites

Two semesters of PERFA 012.

Oriented for music majors and other advanced musicians, Keyboard Harmony teaches students to apply their knowledge of music theory to the keyboard. They learn to play common chord progressions and accompaniment patterns in all twenty-four major and minor keys, and are introduced to open score reading (such as playing a choral or string quartet score), and learning to transpose easy melodies at sight into various keys.

Course credits: 0.25

PERFA 117 - Form and Analysis

Upper Division

Prerequisites

PERFA 114.

Combines the study of chromatic harmony with analysis of scores to determine the unity of form and content in selected compositions: e.g., a Bach fugue, a Mozart concerto, a Brahms symphony, a 20th-century atonal work.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

PERFA 117L - Sight Singing II

Upper Division

Concurrently

Students must be concurrently enrolled in PERFA 117.

Prerequisites

PERFA 114 Music Theory/Ear-Training and PERFA 114L Sight Singing I.

Study will be focused on learning to visually and aurally identify musical intervals to develop intermediate-advanced skills in music-reading. Class and homework activity will include analyzing and singing melodies with increasing difficulty (from intermediate to advanced levels).

Course credits: 1

PERFA 118 - Twentieth-Century Composers

Upper Division

Students will become familiar with the 20th century's most important classical music composers such as Stravinsky, Bartok, Copland, Debussy and Cage, as well as the music and aesthetics of living composers.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); WID - Writing in the Disciplines

Course credits: 1

PERFA 119 - Music and the Enlightenment

Upper Division

This course examines the evolution of opera, fugue, symphony, and other forms through the works of Bach, Handel, Mozart, Beethoven and other composers. It explores how the intellectual and political values of the 17th and 18th centuries were conveyed through music.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 0.5

PERFA 120 - Conducting

Upper Division

Prerequisites

PERFA 011 Music Fundamentals; one semester of PERFA 019 (performing ensemble; any section).

The study of conducting includes learning the basic gestural beat-patterns for various meters, tempi, cues, phrasing, cut-offs, and dynamic variance. The course also involves learning to analyze musical scores to determine the inherent characteristics (melody, harmony, form, texture, and rhythm) that inform performance decisions and one's artistic vision.

Course credits: 1

PERFA 121 - Orchestration

Upper Division

Prerequisites

PERFA 114.

Students become familiar with the ranges, functioning, and basic playing techniques of strings, woodwinds, brass and percussion, i.e. the standard instruments of the orchestra. They will acquire an understanding of the basic principles of blending, doubling, and highlighting, as well as comfort writing for transposing instruments. In addition, they will learn how to prepare professional quality scores and parts.

Course credits: 1

Performing Arts - Theatre

PERFA 030 - Foundations of Theatre I

Lower Division

Through this course, students acquire a solid foundational knowledge of theater history, theatre literature, and theatre theory, from the ancient Greeks through the end of the 18th century. While centered primarily on Western European theatre developments, the course also offers a look at important Asian theatre developments during the same timespan, such as Noh and Kabuki.

Course credits: 1

PERFA 033 - Acting I: Principles of Performance

Lower Division

An introduction to the theory, history, and styles of realistic acting with emphasis on personalization, script analysis and the dynamics of performance.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

PERFA 035 - Theatre Masterpieces: Western Drama**Lower Division**

Discussion and analysis of masterworks of dramatic literature. A global perspective, showcasing playwrights working in diverse styles, eras and genres, helps students discover the richness and complexity of the Western theatrical tradition, from the classical world to the present.

Repeatable

May be repeated as play selection varies.

Course credits: 0.5

PERFA 036 - Theatre Masterpieces: Modern Drama**Lower Division**

Discussion and analysis of masterworks of dramatic literature. This course focuses on the modern era in playwriting, beginning with the emergence of the style called realism in the 1880s. Students then encounter key playwrights of the 20th C., including those who challenged realism's concern with "likeness to life" through such styles as Expressionism and Theatre of the Absurd.

Repeatable

May be repeated as play selection varies.

Course credits: 0.5

PERFA 037 - Performance Lab**Lower Division**

Introductory hands-on training in specific performance skills: for example, audition techniques, stage combat, clown and physical theatre or voice for the actor.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated as topic varies.

Course credits: 0.25

PERFA 042 - Introduction to Technical Theatre**Lower Division**

This course is for students with little or no prior experience in technical theatre. In it, students learn the basics of the

theatrical production process, including: roles of the production process; basics of tool use and scene shop safety; introduction to carpentry and stagecraft; basics of electrics, sound and costume/wardrobe; and fundamentals of working on a stage crew. In addition to weekly class meetings, students have assigned readings, and hands-on assignments to be completed during lab hours, addressing each of the areas noted above.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Course credits: 0.5

PERFA 047 - Technical Theatre/Design Lab

Lower Division

Introductory hands-on training in specific technical theatre/design skills: for example, Lighting Lab, Scenic Painting, Stage Makeup, Historical Periods and Styles, and Professional Issues.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Repeatable

May be repeated as topic varies.

Course credits: 0.25

PERFA 050 - Theatre for Social Justice: Interactive Theatre

Lower Division

An introduction for actors and non-actors to the performance practice and underlying philosophy of the radical theatre-maker Augusto Boal. Through games, exercises, and performance projects, students will question and critique the dynamics of power, class, and privilege in contemporary society, and rehearse alternative actions aimed at social transformation. The course builds confidence and a sense of broader possibilities for improvisation, both on stage and in life.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice); TCG - The Common Good; CE - Community Engagement

Course credits: 1

PERFA 060 - Special Topics in Performing Arts

Lower Division

Prerequisites

Although this upper-division class is open to all interested students without prerequisite, prior completion of PERFA 001 is strongly recommended.

Offered every other year, this course covers in depth a specific aspect of the performing arts only touched on in other classes. Rotating topics include such things as: African-American Dance, Great Composers, and Acting on Stage and Screen.

Course credits: 1

PERFA 061 - World Theatre Experience

Lower Division

The course explores theatrical and performance traditions from Asia, Africa, and South America-with a focus on the relationship between theatre and identity, the impacts of racism/colonialism/nationalism, and the specific social and artistic history of each culture. Students approach these topics from two perspectives: through the eyes of the artist (to see how they capture and convey the lived experience and core values of their culture); and through the eyes of the audience (who can discover in an artwork expressions of specific national identities and traditions.) Across the semester, students are encouraged to explore "difference" and to expand beyond the horizons of their own assumptions.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); GP - Global Perspectives

Course credits: 1

PERFA 130 - Foundations of Theatre II

Upper Division

Prerequisites

Foundations I [PERFA 030] or consent of instructor.

A continuation of the survey of major developments in theatre begun in Foundations I. This course pays special attention to the rise of modern theatre, contemporary forms of theatre and various performance theories. Weekly analysis of specific social, historical, and cultural components provides opportunities for students to develop and broaden their understanding of how theatre arises out of, and is embedded within, a given time period.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

PERFA 132 - Play in Production

Upper Division

Quarter, half or full credit is available for participation in theatre mainstage productions and workshop projects as a performer. Open to all interested students; audition and consent of instructor are required to enroll.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Course credits: .25, .5 or 1.0

PERFA 133 - Acting II: Characterization and Scene Study

Upper Division

Prerequisites

Acting I [PERFA 033] or consent of instructor.

A continuing exploration of the tools and techniques used to bring a character to life onstage. Emphasis is given to the development of the actor's instrument- body, voice, emotion and imagination-while partner and ensemble exercises build toward the performance of scripted scenes.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice)

Course credits: 1

PERFA 135 - Theatre in Performance: Bay Area Theatre**Upper Division****Prerequisites**

ENGL 005 or equivalent.

A critical engagement with current theatre productions and practices. Students attend performances throughout the Bay Area, while studying the contributions made to each production by the playwright, director, designers and actors.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

PERFA 136 - Theatre: Special Studies**Upper Division****Prerequisites**

Foundations II [PERFA 130] or consent of instructor.

An intensive study of a selected era, genre or movement particularly rich in theatrical significance. Analysis, research and concentrated writing practice are key components of the course. Recent topics have included Modern Theories of Acting, Contemporary Women Playwrights and History of American Musical Theatre.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Repeatable

May be repeated as content varies.

Course credits: 1

PERFA 137-1 - Acting III: Advanced Acting**Upper Division****Prerequisites**

Acting I [PERFA 033] and Acting II [PERFA 133] or consent of instructor.

Students learn advanced performance skills through focused work on topics such as: Shakespearean scene study; heightened and stylized genres (contemporary tragedy, theatre of the absurd); and the challenges of period style.

Repeatable

May be repeated as topics vary.

Course credits: 0.5

PERFA 137-2 - Acting III: Advanced Acting Lab

Upper Division

Acting III students co-enroll in this required lab.

Course credits: 0.5

PERFA 138 - Portfolio Preparation

Upper Division

Through peer and faculty feedback, students receive assistance in preparing for their required portfolio review forum at the end of the senior year. Topics addressed include preparing an artist's statement, organizing an e-portfolio, and crafting written reflections. Normally taken in the spring of the junior year, this course is a requirement both for theatre majors and theatre scholarship students, whether majors or minors.

Course credits: 0.25

PERFA 140 - Stage Management

Upper Division

Prerequisites

PERFA 042.

A course in the responsibilities and functions of a stage manager, from the first rehearsal through opening night and beyond. Students develop the skills to run a show in an efficient and positive manner.

Course credits: 0.5

PERFA 142 - Theatre Production Practicum

Upper Division

Prerequisites

Introduction to Technical Theatre [PERFA 042] (concurrent enrollment acceptable); or demonstrated production experience with permission of instructor.

Full or partial course credit is available for participation in the technical support of Performing Arts productions and events. Students will be introduced to elements of stage carpentry, lighting, wardrobe, marketing, or front of house. All enrolled students will also serve as members of the backstage crew for one or more Performing Arts productions. Required for majors and minors, but open to all interested students.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Course credits: .25, .5 or 1.0

PERFA 143 - Production Management for Dance**Upper Division**

In this course students are taught the basics of dance production from the point of view of producer and production manager. The main objective is to give choreographers the tools to produce their own concerts. From selecting a venue to writing a press release, students will not only fully produce and manage the fall dance concert but will also be prepared to put forward their own work after graduation. Open to all interested students.

Course credits: 0.25

PERFA 144 - Lighting Design for Dance**Upper Division**

In this course students learn the basics of lighting technology and design for dance. The main objective of the course is to give choreographers a vocabulary for communicating with designers, stage managers, and production crews. By the end of the semester, students will be able to light the work of other choreographers as well as their own, and will develop all designs for the fall mainstage dance concert. Open to all interested students.

Course credits: 0.25

PERFA 147 - Costume Design**Upper Division****Prerequisites**

Masterpieces: Western Drama [PERFA 035] or Masterpieces: Modern Drama [PERFA 036] or permission of instructor.

A concentrated study of costume design for the theatre. Students in this course explore costume design as a visual language, comprised of character traits, color, silhouette and sociological cues. Special focus is placed on play analysis, concept development, and visual communication skills.

Course credits: 0.5

PERFA 148 - Stage Lighting Design**Upper Division****Prerequisites**

Introduction to Technical Theatre [PERFA 042].

A concentrated study of lighting for the theatre. Students in this course explore lighting design as a visual language, while also learning about the technology of stage lighting. Special focus is placed on the development of a design concept and a light plot through parallel processes.

Course credits: 0.5

PERFA 149 - Scenic Design

Upper Division

Prerequisites

Masterpieces: Western Drama [PERFA 035] or Masterpieces: Modern Drama [PERFA 036] or permission of instructor

A concentrated study of scenic design for the theatre. Students dive deeply into the design process, taking a single play from concept to completed model during the semester. Special focus is placed on the creative process, visual research, model building, and development of the ground plan.

Course credits: 0.5

PERFA 152 - Making Theatre: One Act Plays

Upper Division

This course creates opportunities to act, direct, dramaturg, design and/or serve as stage crew in an evening-length program of short plays. Students receive individual mentoring and production support, while working as part of a creative ensemble to bring a script from the page to public performance. For full-credit students, a weekly roundtable (with assigned readings and a research project) deepens the studio-based investigations of rehearsals. The course culminates in an annual festival of one-act plays, performed for a campus audience. Open to all interested students; an audition or interview is required.

Core Curriculum Designation(s)

CP - Artistic Understanding (Creative Practice)

Course credits: 1.0 or .25

PERFA 160 - Special Topics in Performing Arts

Upper Division

Prerequisites

Although this upper-division class is open to all interested students without prerequisite, prior completion of PERFA 001 is strongly recommended.

Offered every other year, this course covers in depth a specific aspect of the performing arts only touched on in other classes. Rotating topics include such things as: African-American Dance, Great Composers, and Acting on Stage and Screen.

Course credits: 1

PERFA 161 - Theatre and American Cultures (Multicultural Performance)

Upper Division

Prerequisites

Sophomore standing.

By studying the contributions of theatre and performance artists, this course addresses the shared cultural legacies of the United States. The theory of intersectionality is used to examine the ways that gender, sexual orientation, race, class, religious affiliation, and physical ability impact individual and collective identities. While increasing their awareness of major contemporary artists, students also use theoretical models from dance/movement/spoken work composition to explore family histories and individual experiences.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); CP - Artistic Understanding (Creative Practice); AD - American Diversity

Course credits: 1

PERFA 162 - Directing for the Stage

Upper Division

Prerequisites

Perceiving the Performing Arts [PERFA 001], Acting I [PERFA 033] or Foundations I [PERFA 030], or consent of instructor.

This course offers an experiential investigation of the art of directing for the stage. The focus is on the development of such skills as composition and the use of theatrical space; picturization and stage imagery; dramaturgy and historical research; and script analysis and textual interpretation. Students also gain experience in developing a production concept, casting, collaboration and communication, ensemble development, and the creation of "style." The course asks students to think as directors and to bring diverse aspects of their own identities to the work.

Course credits: 1

Philosophy - Lower Division

PHIL 005 - Practical Logic

Lower Division

A course in the analysis and evaluation of everyday arguments. Recognition of patterns of argumentation, fallacies and ambiguities in English is stressed. This course aims primarily at refining and disciplining the student's natural ability to think critically. May not be counted for major credit.

Course credits: 1

PHIL 010 - Plato and Philosophical Inquiry

Lower Division

Study of Plato's Republic or of selected Platonic Dialogues with a view to such questions as: What is philosophy? What is the act of philosophical inquiry? What makes for a philosophical question, or for a philosophical answer?

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

PHIL 011 - Aristotle and Philosophical Method

Lower Division

Study of selected texts of Aristotle with a view to such questions as: What are the objects and associated methods of philosophical inquiry? Are there distinct kinds or divisions of philosophy? In what sense or senses may philosophy qualify as science?

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

Philosophy - Upper Division

PHIL 110 - Philosophy of Religion

Upper Division

A phenomenological study of man that seeks to discover the essential structure of the human phenomenon of religion through its various manifestations. Consideration is given to the ultimate meaning of human existence and those common principles rooted in man that give rise to religion. The orientation of the course is philosophical and considers religion as involving both man and God.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

PHIL 111 - Philosophy of Art

Upper Division

An analysis of doing and making, of truth, good, beauty, the visible and invisible, of figure and finality, as these reveal the intellectual and spiritual universes disclosed by painters, sculptors, poets, etc.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

PHIL 113 - Contemporary Problems in Ethics

Upper Division

A study of the ethical aspects of such contemporary problems as personal freedom, personal rights, civil disobedience and situation ethics.

Course credits: 1

PHIL 114 - Philosophy of Law

Upper Division

A study of the philosophy of law from Sophocles' *Antigone* through the great thinkers of the Middle Ages, giving particular attention to the notion of natural law of Thomas Aquinas.

Course credits: 1

PHIL 115 - Modern Legal Philosophy

Upper Division

The philosophy of law from Thomas Hobbes and John Locke to Marxism and contemporary legal positivism.

Course credits: 1

PHIL 116 - Political Philosophy

Upper Division

An investigation of the philosophical development of the notion of the "state," "man's relationship to the state," and "forms of government."

Course credits: 1

PHIL 117 - Philosophy of Nature

Upper Division

Raises the question of the possibility of a knowledge of nature that is independent of the quantification and mathematical methods of the "physical" sciences.

Course credits: 1

PHIL 118 - Theory of Knowledge

Upper Division

A study of the human approach to the nature of being, through an analysis of the works of Sartre, Descartes, Kant, Hegel, Aristotle and Thomas Aquinas. Particular emphasis on the philosophical method and the practice of reflection.

Course credits: 1

PHIL 120 - The Bible and Philosophy

Upper Division

An investigation of interpretative principles in general and the specific issues that arise from interpreting the Bible in the normative context of the Catholic Church.

Core Curriculum Designation(s)

CF - Christian Foundations

Course credits: 1

PHIL 130 - Ethics

Upper Division

An investigation of the difference between good and evil and between virtue and vice; of the relationship of virtue to choice, to knowledge, to power, to pleasure, to happiness; of the relationship of the human person to God, to nature, to society; of the relationship of responsibility to freedom and necessity. Texts include Plato and Aristotle, the Bible, and Aquinas.

Core Curriculum Designation(s)

TE - Theological Explorations, TCG - The Common Good

Course credits: 1

PHIL 131 - Ethics

Upper Division

An investigation of the difference between good and evil and between virtue and vice; of the relationship of virtue to choice, to knowledge, to power, to pleasure, to happiness; of the relationship of the human person to God, to nature, to society; of the relationship of responsibility to freedom and necessity. Texts include Machiavelli, Hobbes, Locke, Rousseau, Hegel, Kant and Nietzsche (131).

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

PHIL 133 - The Art of Logic

Upper Division

A study of classical logic with reference to primary texts. Logic is approached as the art of attending to and refining the acts of the discursive intellect-definition, predication, and argument (reasoning-in its coming to know). Among the major topics considered: signification, categories, predicables, categorical and complex propositions, syllogistic, induction, formal and informal fallacies.

Course credits: 1

PHIL 135 - Metaphysics

Upper Division

A study, through close reading, discussing and writing, of "metaphysical" texts of Plato and Aristotle (and, through them, of Parmenides and Heraclitus).

Course credits: 1

PHIL 136 - Metaphysics

Upper Division

A study, through close reading, discussing and writing, of "metaphysical" texts of Thomas Aquinas and Hegel (with some attention, as time permits and inclination prompts, to texts of one or more of the following: Descartes, Kant, Wittgenstein, Heidegger).

Course credits: 1

PHIL 160 - A Critical Reading of the Principal Works of a Single Major Author or School of Philosophy

Upper Division

Such philosophers will be chosen as Plato, Aristotle, Thomas Aquinas, Descartes, Hume, Kant, Hegel and Heidegger. A "school" of philosophy, e.g., Empiricism, Rationalism, Idealism, is offered from time to time.

Repeatable

May be repeated as content varies.

Course credits: 1

PHIL 161 - Philosophy of History

Upper Division

A study of the various "philosophies" of history from Augustine, through Vico, Hegel Marx and Löwith.

Course credits: 1

PHIL 170 - Contemporary Philosophy

Upper Division

A study of a major philosopher or "school" of the contemporary period.

Repeatable

May be repeated as content varies.

Course credits: 1

PHIL 172 - Existentialism

Upper Division

Readings and discussions of some of the principal existential philosophers of the Continent, such as Kierkegaard, Camus, Sartre and Heidegger.

Course credits: 1

PHIL 174 - Greek Philosophy

Upper Division

A study of the full range of Greek philosophical thought from its pre-Socratic origins to its Neoplatonic conclusion. Platonic, Aristotelian, Cynic, Sceptic, Stoic and Epicurean Schools are examined through their texts, in historical context and evolution.

Course credits: 1

PHIL 176 - Medieval Philosophers

Upper Division

A consideration of the metaphysical and world view of major philosophers of the medieval period such as Saint Augustine and Thomas Aquinas.

Repeatable

May be repeated as content varies.

Course credits: 1

PHIL 178 - Renaissance Philosophers

Upper Division

A survey of major thinkers and artists from early 14th century to 16th century. The concern will be with questions of God, man and the world, and the contrast of the world of the Middle Ages and the beginning of the modern world.

Course credits: 1

PHIL 182 - Philosophy Goes to the Movies

Upper Division

As the major art form of the 20th Century, film has often relied on aesthetics and philosophy to ask poignant questions about the Human predicament. Cinema by its very nature is a collection of visual and sonic fragments that come together to create aesthetic unity. The purpose of this course is to examine the multifaceted realm of the reciprocal engagement between philosophy and cinema.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Course credits: 1

PHIL 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: Credit may vary

PHIL 196 - Senior Thesis

Upper Division

Candidates for the degree arrange, in the fall or spring of the senior year, a program of reading and research on a topic in modern/contemporary philosophy under a department director, and compose a lengthy senior thesis, which is presented publicly at a departmental meeting. Directions for proposing the thesis and a catalog of library resources are available from the chair.

Course credits: 1

PHIL 197 - Special Study

Upper Division

Prerequisites

Permission of the department chair and instructor required.

An independent study or research course for students whose needs are not met by the regular course offerings of the department.

Course credits: Credit may vary

PHIL 198 - Senior Thesis - Honors

Upper Division

Candidates for the degree arrange, in the fall or spring of the senior year, a program of reading and research on a topic in modern/contemporary philosophy under a department director, and compose a lengthy senior thesis, which is presented publicly at a departmental meeting. Directions for proposing the thesis and a catalog of library resources are available from the chair.

Course credits: 1

PHIL 199 - Special Study - Honors

Upper Division

Prerequisites

Permission of the department chair and instructor required.

An independent study or research course for upper-division majors with a B average in philosophy.

Course credits: Credit may vary

Physics - Lower Division

PHYSI 001 - Introduction to Physics I

Lower Division

Concurrently

Concurrent enrollment in PHYSI 002 (lab) is required.

Prerequisites

MATH 027 or MATH 013 (may be taken concurrently).

This course is the first in a two-part sequence and is designed for students majoring in physics, chemistry and mathematics, and for students preparing for an engineering program. The sequence introduces students to topics in Newtonian mechanics, vibrations and oscillations, waves and sound, thermodynamics, electricity, magnetism, simple circuits and optics (geometrical and wave).

Lecture and/or Lab Hours

Four lectures weekly.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Course credits: 1

PHYSI 002 - Introduction to Physics I Laboratory

Lower Division

Concurrently

Concurrent enrollment in PHYSI 001 is required.

Students gain hands-on experience with the topics discussed in PHYSI 001. Additionally, students are introduced to methods of experimentation in physics including good measurement techniques, simple data analysis and scientific writing.

Fee

Laboratory fee required.

Course credits: 0.25

PHYSI 003 - Introduction to Physics II

Lower Division

Concurrently

Concurrent enrollment in PHYSI 004 (lab) is required.

Prerequisites

PHYSI 001 and MATH 038 (may be taken concurrently).

Continuation of PHYSI 001.

Lecture and/or Lab Hours

Four lectures weekly.

Course credits: 1

PHYSI 004 - Introduction to Physics II Laboratory

Lower Division

Concurrently

Concurrent enrollment in PHYSI 003 is required.

Students explore the concepts of PHYSI 003 in a laboratory setting.

Fee

Laboratory fee required.

Course credits: 0.25

PHYSI 010 - General Physics I

Lower Division

Prerequisites

MATH 027.

This course is the first in a two-part sequence. The sequence introduces the student to the conceptual framework of physics, and the phenomenology of mechanics, fluids, waves, thermal physics, electricity, magnetism, optics and modern physics. In comparison with the Introduction to Physics sequence this course chooses breadth over depth, and is expected to be more suited to needs of life science students.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Fee

Laboratory fee required.

Course credits: 1

PHYSI 011 - General Physics II

Lower Division

Prerequisites

PHYSI 010.

Continuation of PHYSI 010.

Lecture and/or Lab Hours

Three lecture hours and one lab per week.

Fee

Laboratory fee required.

Course credits: 1

PHYSI 040 - Revolutions in Science**Lower Division****Concurrently**

Concurrent enrollment in PHYSI 041 is required.

This course is intended to introduce the methods and ideas of science. Students gain an appreciation for the scientific "way of knowing" by learning how phenomena in nature are observed and catalogued, and how general principles are deduced from observations.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Course credits: 1

PHYSI 041 - Revolutions in Science Laboratory**Lower Division****Concurrently**

Must be taken concurrently with PHYSI 040.

Laboratory to accompany PHYSI 040.

Lecture and/or Lab Hours

Meets every other week.

Fee

Laboratory fee required.

Course credits: 0

PHYSI 060 - Modern Physics**Lower Division****Prerequisites**

PHYSI 003.

The discoveries and methods of physics developed in the 20th century will be studied. Relativity, quantum mechanics, and statistical physics are the main topics. Applications including molecular, condensed matter, nuclear and particle physics are stressed.

Course credits: 1

PHYSI 090 - Introduction to Astronomy

Lower Division

Concurrently

Concurrent enrollment in PHYSI 091 is required.

Prerequisites

One year each of high school algebra I, II and geometry.

This introductory course presents a comprehensive and balanced view of what is known about the heavens. Aimed at the non-specialist, the course gives a description of astronomical phenomena using the laws of physics. The course treats many standard topics including planets, stars and galaxies to topics of current research, such as the origin and age of the universe, the existence of dark matter, and the search for extraterrestrial intelligence.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Course credits: 1

PHYSI 091 - Astronomy Laboratory

Lower Division

Concurrently

Concurrent enrollment in PHYSI 090 is required.

Laboratory to accompany PHYSI 090. Exercises include experiments in a laboratory setting, nighttime observations using the campus observatory and telescopes, and trips to local observatories and planetariums.

Fee

Laboratory fee required.

Course credits: 0.25

Physics - Upper Division

PHYSI 102 - Computational Physics

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

This course will be an introduction to the use of computational techniques to understand physical systems that are unapproachable via analytical methods. The class will also be an introduction to effective programming in Matlab. Topics will include applications of numerical integration, numerical solutions to transcendental equations, ordinary differential equations and partial differential equations, and the use of Fourier analysis.

Course credits: 1

PHYSI 105 - Analytical Mechanics

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

This course covers the principles of particle dynamics. Topics include rigid body dynamics, Lagrange's equations, Hamilton's principle, wave propagation, and normal modes of vibration in oscillating systems.

Course credits: 1

PHYSI 110 - Electricity and Magnetism

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

Electrical and magnetic concepts are studied using static and dynamical field concepts. Maxwell's equations are emphasized. Topics include electrostatics, electrodynamics, magnetism and electromagnetic waves.

Course credits: 1

PHYSI 115 - Thermal and Statistical Physics

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

This course covers the laws of thermodynamics and statistical physics. Topics include temperature, work, heat transfer, entropy, phase transitions, Maxwell's relations, the kinetic theory of gases, partition functions and particle statistics.

Course credits: 1

PHYSI 125 - Quantum Mechanics

Upper Division

Prerequisites

MATH 134 and PHYSI 060.

Introduction to the theoretical foundations of quantum theory. Using the Schrödinger and Heisenberg formulations of the harmonic oscillator, the hydrogen atom, the theory of quantized angular momentum and scattering are studied. The concepts of Hilbert space, operators, commutation relations and the Heisenberg uncertainty principle are included.

Course credits: 1

PHYSI 140 - Special Topics in Advanced Physics

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

Focus on variable topics such as particle physics, solid state physics, and optics.

Repeatable

May be repeated as content varies.

Course credits: 1

PHYSI 170 - Astrophysics

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

A study of the internal constitution of stars and stellar systems from the point of view of atomic and nuclear physics. The basic equations of Saha and Boltzman are used to solve the appearance of observed stellar spectra and the differential equations of continuity and state to interpret the physical properties of stellar structures.

Course credits: 1

PHYSI 173 - Cosmology

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

Using a historical approach, this course studies how humankind has come to understand the origin and structure of the universe. The course begins with studies of ancient cosmologies, such as those from Egypt, Ancient Greece, Pre-Columbian America and the Orient. This sets the stage for the revolution in understanding brought about by Copernicus, Kepler, Galileo and Newton. This fascinating journey is carried through to the present by studying modern astrophysics including topics such as relativity, black holes, stellar evolution and the Big Bang.

Course credits: 1

PHYSI 180 - Experiments in Modern Physics

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

Students discuss and perform the experiments that demonstrate and investigate the principles of 20th-century physics. Experimental topics include the photoelectric effect, the Franck-Hertz experiment, x-ray diffraction, solid state materials, nuclear spectroscopy and holography.

Lecture and/or Lab Hours

This course meets for two laboratory sessions and one lecture session each week.

Fee

Laboratory fee required.

Course credits: 1

PHYSI 181 - Electronics and Instrumentation

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

Students study the properties of various circuit components and use them in scientific applications. Topics include linear DC and AC circuits, diodes, transistors, operational amplifiers and photoelectronic devices.

Lecture and/or Lab Hours

Meets for two laboratory sessions and one lecture session each week.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Fee

Laboratory fee required.

Course credits: 1

PHYSI 185 - Observational Astronomy and Astrophysic

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses.

A laboratory course based on the attempt to model, simulate and interpret observational data derived from astronomical observations. Included are interpretations of stellar photographs and spectra, measurements of various stellar parameters and quantities that give rise to our understanding of stars as physical systems.

Fee

Laboratory fee required.

Course credits: 1

PHYSI 196 - Senior Essay

Upper Division

Prerequisites

PHYSI 003 and MATH 039 are prerequisites for all upper-division physics courses. Permission of the department chair is required.

Independent study of a topic beyond the common course content. Open only to majors in the spring term of their junior year or fall term of their senior year. The essay is evaluated by a committee consisting of the faculty supervisor and two other faculty chosen in consultation with the student.

Course credits: 0.25

PHYSI 197 - Special Study

Upper Division

Prerequisites

Permission of the department chair is required.

Independent study or research of topics not covered in listed courses.

Course credits: Credit may vary

PHYSI 199 - Special Study - Honors

Upper Division

Prerequisites

Permission of the department chair is required.

Independent study or research for majors with at least a B average in physics.

Course credits: Credit may vary

Politics - Lower Division

POL 001 - Introduction to Comparative Politics

Lower Division

A comparative survey of politics in countries and regions other than the United States. Focus is on political culture and socialization, socio-economic structure and class interests, government institutions and electoral processes, political parties, and major shifts in public policy. Themes of globalization, social justice and democratization are emphasized. Case studies vary, but may include Great Britain, Japan, Russia, Mexico and Nigeria.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding, TCG - The Common Good

Course credits: 1

POL 002 - Introduction to American Politics

Lower Division

Survey of the principal institutions and processes of the American political system. Topics include constitutional origins and development, political parties, interest groups, elections, Congress, presidency, bureaucracy and the federal courts. Students explore critical questions about how America is governed.

Course credits: 1

POL 003 - Introduction to Political Thought

Lower Division

A survey of the great political ideas and ideologies that have shaped the history of politics. Topics include core political concepts such as liberty, justice and equality, as well as organized belief systems such as liberalism, conservatism and socialism. Students learn to analyze and evaluate political values and to apply them to practical political problems.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

POL 004 - Introduction to International Politics

Lower Division

In this introductory course, we will explore the different theoretical frameworks for the study of international politics. We examine how, why, and where the national interests of some actors collide and those of other actors coalesce.

Core Curriculum Designation(s)

GP - Global Perspectives

Course credits: 1

Politics - Upper Division

POL 100 - Writing, Research and Analysis for the Politics Major

Upper Division

Being able to do effective college research, analysis, and writing does not depend solely on skills we are born with-it also involves learned skills that are acquired through practice. This course will help students master these skills and related concepts in a "building blocks" system that moves from practicing basic skills and concepts to practicing complex skills and concepts. The class is taught in a small-group setting with lots of individual support, and it aims to foster the students' transition from lower division to upper division research, writing and analysis. The course provides insights into all four areas of the politics major by examining such subjects as: the nature of political and legal justice, the legitimate basis of democratic government, gay marriage, conspiracy, terrorism, human rights, immigration, government corruption, and the effect of drugs, guns, and money on national and international politics.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

POL 101 - State and Urban Politics

Upper Division

Survey of current issues and problems in state and city government. Analysis of the evolutionary nature of such issues and problems through a comparison of the historical and contemporary experiences of cities and states. Topics include

the distribution of power in the community; the organization of city government; state executive and legislative processes; and community responses to law enforcement, social welfare, education and taxation.

Core Curriculum Designation(s)

AD - American Diversity

Course credits: 1

POL 102 - Political Parties and Pressure Groups

Upper Division

An investigation into the theory and practice of political groups. Analysis of the nature of political behavior within and among groups through reading and discussion of classic texts on groups. Topics include the influence of the political environment on group activity; the roles of leaders and followers; the identification and pursuit of group goals; the organization and function of American political parties; and the phenomenon of party loyalty.

Course credits: 1

POL 103 - Elections and Voting Behavior

Upper Division

A study of the electoral process in America with emphases on the organization and conduct of elections, and the behavior of the electorate. Topics include campaign organization, primaries and nominations, the role of the media, the impact of issues and personalities, and electoral realignment. Depending on the year, the course will focus on presidential elections or the midterm congressional elections. POL 102 is not a prerequisite for this course.

Course credits: 1

POL 104 - United States Public and Constitutional Law

Upper Division

A study of landmark opinions of the United States Supreme Court in the context of the constitutional and political structures of American democracy. Significant topics of traditional and contemporary concern covered include the tension between authority of the federal government and states' rights, politics of the Supreme Court, issues arising out of the balance or imbalance of powers among branches of government, the right of judicial review, government regulation, and protections and limitations on civil rights. Legal analysis and legal reasoning are taught, as well as case analysis and application.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

POL 105 - Presidency and Congress

Upper Division

An investigation of the institutional and behavioral characteristics of the presidency and the Congress. The course focuses upon the development of the office of the presidency, the nature and scope of presidential power, and the

interaction of the presidency with the cabinet, bureaucracy, media, political parties and public opinion. It also considers the operation of the modern Congress through an examination of the committee system, congressional procedures and customs, and the relationship between the representative and the constituency.

Course credits: 1

POL 106 - Politics of Labor

Upper Division

A study of the American labor movement from its early economic militancy through its later political passivity to its renewed vigor amidst unprecedented attack in the present time. Topics include de-industrialization and the transformation of work, the changing gender, ethnic and racial composition of the work force, the plight of immigrants and undocumented workers, and how the employer offensive and labor laws affect unionization. A special feature of this course is a series of speakers from the Labor Movement who address the issues they face.

Course credits: 1

POL 107 - American Legal Institutions

Upper Division

This course addresses what the United States Constitution, courts, judges, attorneys, and scholars tell us about such profoundly complex legal, political, and moral issues as whether California can ban same-sex marriage, whether Arizona can regulate immigration, what the proper and improper role of the court system is in forming public policy, and how political power is distributed in America. We explore the meaning, and the price, of full citizenship in our democratic and pluralist American republic. This course examines the story of how our government and "We the People" have struggled, and still struggle, to fulfill the common good and realize the American dream of liberty and justice for all.

Core Curriculum Designation(s)

AD - American Diversity

Course credits: 1

POL 108 - CIA and the Intelligence Community

Upper Division

An investigation into the role of the intelligence community in the formulation and conduct of American foreign policy. The course focuses on the Central Intelligence Agency but also considers other members of the intelligence community such as the National Security Agency and the Defense Intelligence Agency. Topics include covert operations, intelligence collection and analysis, counterintelligence, and oversight and control of intelligence activities.

Term Offered

Offered in alternate years.

Course credits: 1

POL 109 - Topics in American Politics

Upper Division

A detailed analysis of selected problems in American politics involving the investigation of such contemporary issues as campaign reform, morality in politics, executive- legislative relationships, the military in American politics, and legal-political issues of the intelligence apparatus.

Repeatable

May be repeated as content varies.

Course credits: 1

POL 110 - Politics of Race

Upper Division

An examination of the racial and ethnic dimensions of American politics. Topics include the growing diversity of the American population; government policies on civil rights, affirmative action and immigration; political participation by, and political conflicts among, racial and ethnic groups; and the impact of ethnic and racial subcultures on contemporary politics. Includes Community-Based Research (the equivalent of a lab) (.25 credit).

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good; CE - Community Engagement

Term Offered

Offered in alternate years.

Course credits: 1.25

POL 111 - Modern Political Thought

Upper Division

Works by modern masters of political theory from the Protestant reformation up to the contemporary era are discussed. Topics include the theoretical foundations of modern political movements and regimes. Students learn to evaluate and criticize political ideas and gain insight into contemporary political problems.

Term Offered

Offered in alternate years.

Course credits: 1

POL 112 - American Political Thought

Upper Division

This course seeks to illuminate the philosophical antecedents to the foundations of the American government as well as the thought of the Founders themselves, and concludes with a review of some of the diverse views regarding the American political order.

Term Offered

Offered in alternate years.

Course credits: 1

POL 113 - Just and Unjust Wars

Upper Division

An examination of various religious and secular theoretical approaches to the ethics of war and peace. We study just war theory comparatively including from the Catholic natural law, Jewish, Muslim, Realist, Feminist, and Pacifist traditions. We apply these theories to real instances of current and past uses of military force, while also considering new challenges to the morality of modern warfare including the use of drones, cyberwarfare, and the ethics of the war on terrorism. Offered in alternate years. Not open to first-years.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

POL 114 - Topics in Political Thought

Upper Division

A detailed investigation of selected problems in political thought. Topics such as freedom, equality, fairness, justice, democracy, authority, and nonviolence are explored.

Core Curriculum Designation(s)

TCG - The Common Good

Term Offered

Offered in alternate years.

Repeatable

May be repeated as content varies.

Course credits: 1

POL 115 - Theories of Justice

Upper Division

The course examines different theories of justice based on concepts such as "fairness," "equal treatment," and "getting one's due." These alternative theories are then applied to contemporary controversies concerning economic, racial, sexual and environmental justice and to current debates about such issues as immigration, euthanasia, abortion, and capital punishment.

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good

Course credits: 1

POL 116 - Political Polling and Survey Research

Upper Division

This course explores the theoretical basis of modern empirical methods of investigating political behavior. The course stresses the development of empirical theories of politics through the formation and testing of hypotheses. Emphasis is on the use of survey instruments, polling techniques and data analysis. Throughout the semester, students work in groups to complete a research project for a local nonprofit organization.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

POL 117 - Theory of Law

Upper Division

Prerequisites

POL 002 and any two of the following: POL 001, POL 003, or POL 004.

This course examines development of American legal theory from the pre-revolutionary period to the post-modern period. These theories are studied and discussed in the context of key historical developments and United States Supreme Court cases that illustrate historical and practical consequences of various formulations of legal theory. The course focuses on the intersection of law and politics in issues around social justice in America and also teaches the student to develop and apply critical legal analysis in order to understand the role of law and legal theory in American democracy.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding, TCG - The Common Good

Term Offered

Offered in alternate years.

Course credits: 1

POL 120 - International Relations

Upper Division

Although the phenomenon of conflict and war has been the primary focus of international relations, the global political system remains lacking in organization and stability. Interstate violence and involvement of non-state actors and sub-state actors in armed conflict seems to be on the rise. On the other hand, attempts at political, economic, social, and environmental co-operation among states also continue, albeit at a slower pace. The course addresses this complex and mixed nature of modern international relations. The course examines schools of thought that have impacted analysis of international relations, including realism, liberalism, constructivism and feminism. The course explores theoretical frameworks of international relations in an attempt to understand how, why, and where the national interests of some actors collide and others coalesce.

Course credits: 1

POL 121 - Governing the Global Economy

Upper Division

This course addresses the growing integration of national economies and financial systems worldwide and its consequence for national political institutions, policymaking, sovereignty and democracy. The course will focus on the evolution of international trade theory and policies since 1945, trends in foreign direct investment and the "securitization" revolution in international finance, and the evolution of transnational institutions (WTO, World Bank, IMF, etc.) and free trade mega-blocs (NAFTA-CAFTA, EU, etc.). Special focus is given to current and recent international financial crises and the impact of globalization on U.S. domestic economic policy, economic growth, income distribution, and the evolution of the corporate form of business. The course concludes with a review of the different responses and challenges to global economic integration today by environmentalist, worker-union, and other grass-roots civil society-based organizations.

Course credits: 1

POL 122 - Topics in International Politics

Upper Division

A detailed analysis of selected problems in international politics, involving case studies of major geographical regions such as Western Europe, Southeast Asia and the Middle East, together with a critical examination of the influence of contemporary ideologies on the behavior of nation states.

Term Offered

Offered in alternate years.

Repeatable

May be repeated as content varies.

Course credits: 1

POL 123 - American Foreign Policy

Upper Division

An investigation of United States foreign policy since WWII. Consideration of current political, economic, social and ecological problems that challenge the direction of foreign policy in the post-cold war world, with special attention paid to examining political and military policy priorities post 9-11-2001. Topics include military intervention, eco and cyber threats, empire and decline, and the changing role of the US in the world.

Course credits: 1

POL 124 - Defense Policy

Upper Division

The course examines U.S. national security policy objectives, the military strategies and institutions that have been designed to achieve these objectives and the defense capabilities that can be used to accomplish political and economic goals. The focus of readings and class discussion is on the following topics: the international environment as the setting for the making of American defense policy; the evolution of U.S. strategy; World War II, the Korean War and Vietnam as case studies; arms control; the institutional structure and processes of defense policy; military professionalism; reform and appraisal.

Course credits: 1

POL 125 - Human Rights

Upper Division

Three main areas of human rights are examined: 1) human rights theory and the philosophical foundation of human rights, 2) the international institutions, international law, and regional mechanisms for protecting rights, 3) an overview of major empirical theories of rights, identifying economic, political, and social factors and actors that shape present-day human rights conditions.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding, TCG - The Common Good

Course credits: 1

POL 126 - Food Politics

Upper Division

Food is not just food, and this course is not just about food. We all connect with food: it is a great catalyst, a starting point for exploring many kinds of issues—from changing agricultural practices to shifting patterns of consumption. We not only grow, make and buy food; it also shapes us—physically, personally, and culturally. We will examine why something as innocuous as choosing certain foods can be a political act with global consequences. We will cover the major influences on the food system in terms of globalization, McDonaldization and agribusiness by focusing on world hunger, the environment, the development of genetically modified foods and the power of supermarkets in the food commodity chain.

Core Curriculum Designation(s)

CE - Community Engagement; TCG - The Common Good

Term Offered

Offered in alternate years.

Course credits: 1

POL 127 - Field Work for POL 126: Food Politics

Upper Division

This course is a Community-based research course. The students engage with food justice grassroots organizations such as the Urban Farmers outside of class (this is equivalent of a lab in a science class). Students must enroll in both POL 126 and 127, and receive 1.25 course credit.

Course credits: 0.25

POL 128 - Dynamics of Terrorism

Upper Division

This course intends to investigate the different meanings and definitions of terrorism. A good portion of the course will

be devoted to understanding ideological, social, cultural, economic, and religious causes of terrorism. In addition, several case studies will be analyzed, inasmuch as they pertain to acts of terrorism committed by non-state actors and groups, as well as those that are state-sponsored.

Course credits: 1

POL 129 - Politics of Developing Countries

Upper Division

This course is expected to provide a better understanding of the complex array of developing countries of the world. More specifically, this course will look at the political history, successes and setbacks of several countries and regions which can be classified as developing, so as to be better equipped to understand the cultures of the peoples and the prospects of development for some of the political systems.

Course credits: 1

POL 130 - Introduction to Public Administration

Upper Division

An examination and analysis of public organizations, agencies, and departments that implement the laws and policies of political bodies at the federal as well as state and local level. Case studies dealing with the role of organizations ranging from the Washington DC bureaucracy to those that manage the activities of local cities and towns will be studied and discussed.

Course credits: 1

POL 131 - Politics of Imprisonment

Upper Division

An examination of the factors behind the prison boom of the last decades and its timid retraction. This course integrates academic studies on incarceration with tours of incarcerating institutions (San Quentin State Prison, a county jail, and a juvenile justice center) and direct interaction with present and formerly incarcerated individuals, criminal justice professionals, and activists working for prisoner rights. Major themes include the relation of incarceration to race, poverty, gender, and the links between government policy, for-profit businesses, and human rights organizations.

Term Offered

Offered in alternate years.

Fee

Course fee \$40.

Additional Notes

Course is not open to first-years.

Course credits: 1

POL 135 - Environmental Politics

Upper Division

A political analysis of environmental problems such as pollution, energy shortages, population growth, climate change and the destruction of wilderness areas. Public policies to address these problems both here and in other countries are examined. Ethical aspects of environmental issues are explored.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

POL 136 - Environmental Law and Regulation

Upper Division

Examination of alternative legal mechanisms for protecting the environment. Topics include environmental torts and remedies; environmental criminal law; private property rights and the "public trust" doctrine; administrative regulations and standards; economic incentive statuses; federal vs. state environmental jurisdiction; and international environmental agreements.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

POL 140 - Gender Politics A/B

Upper Division

A study of the social, economic, political and legal status of women in contemporary America and in other countries. The course examines the dynamic changes taking place in the relationship between women and men. Topics include the history of women's liberation movements, contemporary battles on workplace equality, parental leave, equal pay, reproductive justice, etc. Includes Community-Based Research (the equivalent of a lab). (.25 credit).

Core Curriculum Designation(s)

CE - Community Engagement

Term Offered

Offered in alternate years.

Course credits: 1.25

POL 141 - Contemporary Revolutions

Upper Division

A comparative study of successful and failed revolutions of the 20th Century, examining revolutionary theory and the debates between revolutionaries. 21st Century revolutionary processes (the Arab Spring uprisings, revolts, protests and occupations of public spaces throughout Southern Europe, the US, Brazil, Turkey and beyond) are also considered. Using primary texts, students read the theorists and practitioners of each revolution studied, exploring the causes of social conflict and the way rebellions, riots and insurrections can turn into revolutions.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

POL 143 - Middle East Politics**Upper Division**

An introductory comparative politics course in the Middle East, the course analyzes such specific problems as the role of the military, the process of modernization, the impact of state proliferation, and the consequences of socioeconomic disparities resulting from the influx of oil wealth. In addition to providing a brief survey of major historical developments since World War I and their impact on current issues, the course examines intra-Arab and Israeli-Arab conflicts.

Core Curriculum Designation(s)

GP - Global Perspectives

Term Offered

Offered in alternate years.

Course credits: 1

POL 144 - Asian Politics**Upper Division**

A survey of political systems in northeast Asia (including China, Japan, Korean peninsula) and southeast Asia (including Vietnam, Indonesia, Philippines). Emphasis on modern history, economic development, democratization, political culture and international relations.

Term Offered

Offered in alternate years.

Course credits: 1

POL 145 - Latin American Politics**Upper Division**

An examination of the historical evolution and present state of political systems in Mexico, Central America and Southern Cone countries. Alternative theoretical explanations of democratization, democratic consolidation, and the links between public policy and socio-economic development are emphasized. Major themes of the course include measuring and explaining the quality of democratic governance, institutional variations, social justice, human rights, ideologies and US policy toward the region.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding, TCG - The Common Good

Term Offered

Offered in alternate years.

Course credits: 1

POL 146 - West European Politics

Upper Division

Examination of politics, institutions, ideologies, patterns of stability and change in selected countries such as Great Britain, France and Germany. Theory of comparative studies.

Term Offered

Offered in alternate years.

Course credits: 1

POL 147 - Russian Politics from Lenin to Putin

Upper Division

A survey of the historical, political, social and economic development, disintegration and demise of the Soviet Union, from the revolution to the present, taking an interdisciplinary and theoretical approach. Examining the problems confronting post-Soviet development, the course asks the question, "What was the USSR, what became of it, and what is Russia today?"

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

POL 148 - East European Politics

Upper Division

East Europeans have lived through all the great 'isms' of the last century, ending up with post-soviet, global neo-liberal capitalism today. The course focuses on the creation and evolution of the Soviet bloc, the attempts at reform in Eastern Europe, looking at case histories of Hungary, Poland, the former Czechoslovakia and Yugoslavia, the absorption of East Germany by West Germany, and the process of integration into the world economy. Topical issues raised by ongoing changes are explored in some detail.

Course credits: 1

POL 149 - Topics in Comparative Politics

Upper Division

Examination of political systems not covered in other courses, investigating selected areas such as African, Canadian, or Pacific Rim countries.

Repeatable

May be repeated as content varies.

Course credits: 1

POL 190 - Social Justice Speakers Series

Upper Division

This quarter-credit course focuses on different aspects of social justice in conjunction with the "social justice speakers" who are invited to speak on our campus. The course helps the students explore the topics presented by the speakers through pertinent readings and follow-up written responses and reflections.

Course credits: 0.25

POL 191 - Remembrance and Resistance

Upper Division

This quarter-credit course is offered in conjunction with a trip to Fort Benning, Georgia, to participate in the vigil that remembers victims of human rights atrocities in Latin America and to protest against training that may induce Latin American military officers to commit such atrocities. Requires six weekly discussion sessions and participation in the vigil and protest during the third weekend of November.

Course credits: 0.25

POL 195 - Internship in Government

Upper Division

Offers the student the opportunity to earn credit while learning about the day-to-day functioning of government by working part-time in the office of a government agency or elected official. Internships in local, state and federal offices may be arranged to fit the interests of the student. Student must be in good academic standing.

Course credits: 1

POL 196 - Capstone Course

Upper Division

Prerequisites

The student must have completed at least three of the Introduction to Politics courses (POL 001, POL 002, POL 003, and POL 004), at least 3 upper- division politics electives, and have senior status.

This course in the Politics Department provides students the opportunity to demonstrate their mastery of political research and analysis. The final outcome is a senior thesis (15-20 pages) that contributes to new political knowledge and understanding. Topic areas vary by instructor according to the major subfields of the discipline: American Politics, Political Theory, International Politics, and Comparative Politics.

Course credits: 0.25

POL 197 - Special Study

Upper Division

Prerequisites

Permission of instructor and department chairperson required.

An independent study or research course for students whose needs are not met by the regular course offerings of the department.

Course credits: 1

POL 199 - Honors-Special Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or research course for upper-division majors with a B average in government.

Course credits: 1

Psychology - Lower Division

PSYCH 001 - Introduction to Psychology

Lower Division

An introduction to the science of how people think, feel, and behave. We will explore such topics as cognition, personality, culture, social interaction, development, emotion, and psychopathology. Students will learn about classic and contemporary research, a range of methods, and discover how psychology informs our understanding of what it means to be human.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

PSYCH 003 - Psychological Methods and Analysis I

Lower Division

Prerequisites

Competence in basic algebra.

This course is the first part of a two-semester sequence of courses that presents a survey of the complementary methodologies frequently used within the field of psychology. An emphasis will be placed upon the collection and analysis of data, with a focus on non- experimental methods and descriptive statistics. Students who enroll in this course must register for Psychology 103 in the following semester.

Course credits: 1

PSYCH 011 - Early Childhood Social-Emotional and Literacy Development

Lower Division

The course provides an overview of fundamental theories in early childhood socioemotional development as well as instruction on best practices in early childhood literacy education. The course is intended for Saint Mary's undergraduate students who are Jumpstart Corps members.

Course credits: 1

PSYCH 012 - Special Topics in Psychology

Lower Division

Selected areas of psychology not covered by the regular department course offerings. Topics are announced prior to preregistration. Course may be repeated for credit as content varies. Potential topics include: psychology of racism; psychology in the courtroom; psychology of religion; sports psychology; environmental psychology.

Course credits: 1

PSYCH 013 - Meditation

Lower Division

Students learn to use the Jose Silva theory of meditation to enhance performance and well being. Exercises are offered in stress reduction for the improvement of sports performance, for the enhancement of prayer life, and other areas of student interest. Course offered on a pass/ fail basis only. Does not count toward the major.

Course credits: 0.25

PSYCH 014 - Advanced Meditation

Lower Division

Prerequisites

PSYCH 013.

Building upon the skills and knowledge gained in Meditation 13, students continue with more advanced aspects of the theory and practice of meditation. Course offered on a pass/fail basis only. Does not count toward the major.

Course credits: 0.25

Psychology - Upper Division

PSYCH 100 - Seminar in Psychology

Upper Division

Prerequisites

Senior psychology major or consent of instructor.

An investigation of the history and philosophical foundations of modern psychology. Emphasis is on basic issues of psychology, emerging in the long philosophical tradition of Western civilization, which ground psychology as an

empirical human science.

Course credits: 1

PSYCH 103 - Psychological Methods and Analysis II

Upper Division

Prerequisites

PSYCH 003.

This course is the second part of a two-semester sequence of courses that presents a survey of the complementary methodologies frequently used within the field of psychology. An emphasis will be placed upon the collection and analysis of data, with a focus on experimental methods and inferential statistics.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

PSYCH 104 - Special Topics in Assessment and Testing

Upper Division

Prerequisites

PSYCH 003.

This course will offer an examination of testing topics such as norms, reliability, validity and item analysis within the context of an applied area of psychology such as forensic, counseling or cross-cultural. Special attention will be given to the use of tests and the role of testing in society.

Repeatable

May be repeated as content varies.

Course credits: 1

PSYCH 105 - Advanced Psychological Statistics

Upper Division

Prerequisites

PSYCH 003, PSYCH 103.

Advanced research methods for evaluating psychological data utilizing SPSS. Topics generally include: theoretical sampling distribution, probability, decision theory, multiple analysis of variance, multiple regression analysis and factor analysis.

Core Curriculum Designation(s)

MU - Mathematical Understanding

Course credits: 1

PSYCH 106 - Experimental Research

Upper Division

Prerequisites

PSYCH 001, PSYCH 003, and PSYCH 103.

An examination of the logic of experimentation and the strength of the experiment as a research method used to address psychological questions. Topics include experimental designs, data collection and analysis, data interpretation, oral and poster presentations, and writing APA-style papers. Students will be involved in the step-by-step dissemination and critical analysis of published experimental research.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Fee

Laboratory fee \$50.

Course credits: 1

PSYCH 110 - Psychobiology

Upper Division

Prerequisites

PSYCH 001 and sophomore standing.

The scientific study of the biology of behavior. Examines the neuroanatomical, neurochemical, and neurophysiological bases of behavior, including sensation, cognition, motivation, emotion, brain injury, and psychopathology. The course includes a laboratory component to reinforce and expand upon lecture material through the use of readings, computer models, and electrophysiology

Fee

Laboratory fee \$125.

Course credits: 1

PSYCH 111 - Forensic Psychology

Upper Division

Prerequisites

PSYCH 001 and junior standing.

This survey course is designed to introduce students to the complex interactions between Psychology, Assessment, Law and Violence. Students will be introduced to the process of applying psychological knowledge, concepts, and principles within the civil and criminal court systems. Also explored are the ethical concerns and multicultural issues facing the field.

Course credits: 1

PSYCH 115 - Health Psychology

Upper Division

Prerequisites

PSYCH 001 or BIOL 015 or BIOL 025.

A study of the relationships among mental processes, behavior and physical health with an emphasis on the role of psychology in prevention and treatment of illness as well as promoting optimum health.

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

PSYCH 126 - Sensation and Perception

Upper Division

Prerequisites

PSYCH 001 and sophomore standing.

Examines the cognitive and physiological processes responsible for the acquisition and mental representation of sensory information.

Course credits: 1

PSYCH 127 - Cognitive Science

Upper Division

Prerequisites

PSYCH 001 and sophomore standing.

An interdisciplinary approach to the study of the mind. What the mind is and its functions will be examined through diverse perspectives, including philosophy, cognitive psychology, neuroscience, linguistics, artificial intelligence, and robotics. Emphasis will be on cognition, with topics covering mental representation, vision, attention, memory, language, decision making, embodied cognition, and consciousness.

Course credits: 1

PSYCH 128 - Neuropsychology

Upper Division

Prerequisites

PSYCH 001 and sophomore standing.

A comprehensive survey of the relation between behavior and brain activity across the human lifespan, examining theory and research on such topics as neurodevelopmental disorders; clinical neuropsychological assessment; and neuropharmacology, rehabilitation and functional neuroanatomy and physiology.

Course credits: 1

PSYCH 129 - Cognitive Neurolinguistics

Upper Division

Prerequisites

PSYCH 001 and sophomore standing.

This course examines how human linguistic properties are acquired, developed, organized, and processed in our mind; and aims to pursue an inquiry about neural mechanisms that enable us to produce and comprehend language as a human communication tool.

Course credits: 1

PSYCH 131 - Transpersonal Psychology

Upper Division

Prerequisites

PSYCH 001.

Transpersonal Psychology explores the boundaries between spirituality and modern psychology, transcending the self to include a broader sense of spirit and cosmos. We will be exploring the mystical experience as a psychological event. Readings will include psychologists such as Jung and Maslow, as well as works from mystical traditions (such as Judaism, Islam, Christianity, and Buddhist Psychology and Shamanism).

Course credits: 1

PSYCH 140 - Human Development

Upper Division

Prerequisites

PSYCH 001.

An examination of the major theories of and influences on human development from conception through death, including the biological, cognitive, emotional, social and cultural dimensions of development.

Course credits: 1

PSYCH 141 - Infancy and Childhood

Upper Division

Prerequisites

PSYCH 140.

In this course students study in depth the development of infants, toddlers, and preschoolers. Topics covered include the importance of infant-caregiver attachment in brain development as well as in early social-emotional development. Cognitive, language, and personality development are examined from multiple perspectives. Recent research on autism, early trauma, and effective interventions are also addressed.

Course credits: 1

PSYCH 142 - Adolescent Development

Upper Division

Prerequisites

PSYCH 140.

An examination of development from late childhood through adolescence, including the biological, cognitive, emotional, social and cultural dimensions of development, with discussion of special topics, e.g., identity issues, cross-cultural issues and high-risk behaviors.

Course credits: 1

PSYCH 143 - Adult Development

Upper Division

Prerequisites

PSYCH 140.

A study of the major psychological, social and cultural factors that influence development from early adulthood through old age. Students examine in depth a public policy that affects adults or families.

Course credits: 1

PSYCH 144 - Middle Childhood

Upper Division

Prerequisites

PSYCH 140.

The purpose of this course is to examine the key developmental tasks of middle childhood, including the development of achievement motivation, positive peer relationships, moral responsibility, self-regulation and initial mastery of the skills important to one's culture. Students will observe children in a school setting.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

PSYCH 147 - Psychology of Gender

Upper Division

Prerequisites

PSYCH 001.

A critical review of the theory and research on gender from the biological, psychological and sociological perspectives. The course explores the social construction of gender and how it impacts human development and social behavior. Throughout the course, the interaction between gender and the complexities of race, culture and sexual orientation is considered.

Course credits: 1

PSYCH 148 - The Exceptional Individual

Upper Division

Prerequisites

PSYCH 140.

Examines individuals with special needs, be they physical, cognitive or social/emotional. Causes, consequences and treatment approaches are covered, as well as implications for development issues. Students will be required to visit facilities and interview individuals.

Course credits: 1

PSYCH 150 - Personality Psychology

Upper Division

Prerequisites

PSYCH 001.

A critical review of the traditional and modern theories of personality, including the psychoanalytic, neoanalytic, trait, behavioristic and humanistic perspectives, with a focus on personality development, assessment techniques and application of theory to everyday life.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

PSYCH 152 - Psychopathology

Upper Division

Prerequisites

PSYCH 001 and junior standing.

An exploration of major psychological disorders in childhood and adulthood. Topics include anxiety, mood, personality, psychotic, and neurodevelopmental disorders. Treatment, etiology, and the influences of culture and social context are also considered.

Course credits: 1

PSYCH 156 - Personal and Professional Adjustment

Upper Division

Prerequisites

PSYCH 001.

A research-oriented treatment of personal and vocational adjustment, including: stress and stress tolerance, defensive and constructive coping, social and job satisfaction, behavior modification and interpersonal communication.

Course credits: 1

PSYCH 157 - Human Sexualities

Upper Division

Prerequisites

PSYCH 001.

A review of the empirical evidence on human sexuality, with a focus on historical and cultural perspectives as well as the physiological, psychological and sociological basis for sexual behavior and sexual identity.

Course credits: 1

PSYCH 160 - Social Psychology

Upper Division

Prerequisites

PSYCH 001.

An introduction to social psychology including the study of attitude formation and change, social interaction, social norms and cultural influences on personality formation.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

PSYCH 163 - Prejudice and Stereotyping

Upper Division

Prerequisites

PSYCH 001 and any one of the following: PSYCH 003, PSYCH 160 or ES 001.

An investigation of theories of prejudice, stereotyping, and discrimination. Students will explore how stigmatized individuals are impacted by prejudice in American society. Methods to reduce prejudice will be considered, and the inevitability of prejudice will be addressed.

Core Curriculum Designation(s)

AD - American Diversity

Course credits: 1

PSYCH 165 - Cross-Cultural Psychology

Upper Division

Prerequisites

PSYCH 001 and sophomore standing.

An analysis of cultural influences on human behavior. Topics include cross-cultural methodology, perception, cognition, motivation, development, attitudes and prejudice, gender, adaptive and maladaptive patterns, and the construction of self. This course includes a community service learning component with CILSA.

Core Curriculum Designation(s)

AD - American Diversity; CE - Community Engagement

Course credits: 1

PSYCH 168 - Topics on Culture, Race, and Ethnicity in Psychology**Upper Division****Prerequisites**

PSYCH 001, or SOC 002, or SOC 004, or ES 001.

An examination of the social construction of ethnicity and race, as well as the values, assumptions, and biases we hold regarding race, ethnicity, and related issues. The course will also explore how race, ethnicity, and culture intersect with mental health. Topics may include African American Psychology, Chicano/a Psychology, Asian American Psychology, etc.

Core Curriculum Designation(s)

AD - American Diversity

Course credits: 1

PSYCH 169 - Attitudes and Attitude Change**Upper Division****Prerequisites**

PSYCH 001.

This course will examine the nature and structure of attitudes as well as the forces involved in attitude change. Applied topics such as stereotypes, group influence, marketing, and job interviews will be examined.

Course credits: 1

PSYCH 170 - Theories of Counseling**Upper Division****Prerequisites**

PSYCH 001.

A critical review of traditional and modern theories of counseling and psychotherapy.

Course credits: 1

PSYCH 172 - Groups, Organizations and Societies

Upper Division

Prerequisites

PSYCH 001 or junior standing in psychology, business administration or sociology.

A discussion of organizational theory and group dynamics, always presented within a broader societal context. Topics include leadership, teamwork and productivity, group decision making, conflict resolution, culture, diversity, and globalization.

Course credits: 1

PSYCH 174 - Psychology of the Family

Upper Division

Prerequisites

PSYCH 001 and sophomore standing.

A study of family dynamics and the influences which contribute to family dysfunction. Examination includes relationships between family patterns and childhood disorders.

Course credits: 1

PSYCH 180 - Organizational Psychology

Upper Division

Prerequisites

PSYCH 001, PSYCH 003, or equivalent.

Examines the major theoretical findings in the field concerning the relationship between the individual and the organization, including the study of motivation, leadership, training, selection, performance management, corporate culture and organizational development.

Course credits: 1

PSYCH 190 - Field Placement

Upper Division

Prerequisites

PSYCH 103, senior standing, and approval of the course instructor.

Students work 80 hours at a field placement site of their choosing and attend weekly class sessions. A series of papers/assignments address career and personal goals as well as the relationship between the field placement work and concepts learned in the psychology major.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: Credit may vary

PSYCH 197 - Special Study

Upper Division

Prerequisites

Permission of the sponsoring faculty member and department chair is required.

An independent study or research course for students whose needs are not met by the regular course offerings of the department.

Course credits: Credit may vary

PSYCH 199 - Special Study - Honors

Upper Division

Prerequisites

Upper-division standing as a psychology major, B average in upper-division psychology courses already taken, consent of the instructor and department chair.

Independent study and research on campus in an area of interest to the student culminating in a written presentation of the problem, method of analysis and findings.

Repeatable

May be repeated as content varies.

Course credits: Credit may vary

Sociology - Lower Division

SOC 002 - Introduction to Sociology

Lower Division

Sociological theory, methods and the sociological perspective are studied. This perspective enables students to see how the self, human behavior and attitudes are shaped by social structures and institutions, e.g., social class, popular culture and the family. The social world is re-examined (social rules, deviance, gender, inequality, the economy, etc.).

Core Curriculum Designation(s)

AD - American Diversity; SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

SOC 004 - Social Problems

Lower Division

An overview of the causes, characteristics and responses to social problems in the United States. Topics such as crime,

substance abuse, racism, ageism and family instability are studied through the sociological framework.

Core Curriculum Designation(s)

AD - American Diversity; SHCU - Social, Historical, and Cultural Understanding; TCG - The Common Good

Course credits: 1

Sociology - Upper Division

All upper-division courses have a prerequisite of SOC 002, or SOC 004 or the consent of the instructor.

SOC 101 - The Sociological Imagination

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

This course will reinforce and expand upon many of the concepts you have been introduced to in Introduction to Sociology and Social Problems. In this course we will explore the basic theoretical perspectives within sociology, the use of theory in sociological research, the logic of sociological research and an introduction to a variety of methodological approaches used by sociologists. This course will provide students with a solid base of knowledge which will serve them well in other upper division sociology courses-the Sociological Theory and Sociological Research Methods courses in particular. It is suggested that students have sophomore standing to take this course.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; WID - Writing in the Disciplines

Course credits: 1

SOC 107 - Whiteness

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

There is an underlying assumption to society's understanding of race and race relations that only minorities or people of color have a racial identity; and that whites are the "norm", the referent, the 4 majority, and the mainstream, not members of a racial group. In this course, we will investigate the sociohistorical and cultural constructions of race through an exploration of whiteness. We will examine whiteness in relation to race, class, ethnicity and gender. Is "white" a "race"? How did "white" become a racial category? What is whiteness? What is white privilege?

Core Curriculum Designation(s)

AD - American Diversity

Course credits: 1

SOC 111 - Sociology of Families

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Families are one of our most basic social institutions. They provide the primary social and physical contexts within which we become fully human. This course begins by exploring the idea of "the traditional family" and continues by examining historical trends and empirical data about American family life over the past century; including divorce patterns, fertility rates, women entering the workforce, and marriage. The class focuses on diversity and change, particularly the ways that social trends and social categories influence family structures.

Core Curriculum Designation(s)

AD - American Diversity; SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

SOC 112 - Race and Ethnicity

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

This course presents sociology's key concepts and theories in the study of race and ethnicity. Focusing primarily on the U.S., this course looks at the cultural and social constructions of race and ethnicity.

Course credits: 1

SOC 114 - Urban Studies

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Traces the development of modern communities, ranging from suburbs to the megalopolis. Studies the benefits and problems of contemporary urban life and projects future trends based on sociological models.

Course credits: 1

SOC 115 - Wealth and Poverty

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

This course offers an in-depth study of wealth, poverty, and the economic system in which they are grounded in the United States. Toward this end, students will apply various theoretical frameworks on economic inequality to current social problems in order to evaluate each framework's explanatory power. Further, students will critique past and current programs for lessening the impacts of poverty and use this knowledge to imagine and critique possible future policies.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Course credits: 1

SOC 116 - Global Migration**Upper Division****Prerequisites**

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Addresses the dynamics of contemporary migration and the way it is changing cultures, societies, politics, and families. The course introduces theories of assimilation, transnationalism, and multiculturalism and examines contemporary patterns of international migration flows. Among the topics covered are feminization of migration, labor migration, citizenship, human trafficking, refugee crises, and politics of asylum.

Core Curriculum Designation(s)

GP - Global Perspectives

Course credits: 1

SOC 118 - Health and Illness**Upper Division****Prerequisites**

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Presents social and cultural factors influencing health and illness. Looks at the roles of health care professionals, patients and medical settings in our society. Discusses the relationships between the current health care system and the political and economic system.

Course credits: 1

SOC 119 - Global Sociology**Upper Division****Prerequisites**

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Examines the global nature of contemporary social, economic, political, and cultural change. Reviews the multidisciplinary theoretical approaches that analyze the origins, dynamics, and consequences of globalization. Provides students with an understanding of an array of issues that stem from global changes, including global inequality, third-world poverty, labor rights violations, natural resource constraints, and environmental problems.

Core Curriculum Designation(s)

GP - Global Perspectives

Course credits: 1

SOC 120 - Social Movements

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

The course addresses the social, political, cultural and economic factors that bring about social movements. Survey topics including how and why social movements occur, who joins and supports social movements, why some movements succeed and others fail, how social movement actors communicate with their intended audiences using slogans, art, and music, and how movements spread.

Course credits: 1

SOC 122 - Education and Society

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

This course examines the many roles that schools play in society. In particular, we examine the ways in which schooling either reproduces social inequalities or provides resources for upward social mobility. We examine the ways schools are organized, the connection between schools and other institutions such as families and workplaces, and the ways race, class, and gender are experienced in the classroom.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Course credits: 1

SOC 123 - Ethnic Groups in the United States

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Each course in this series looks at one of the following American ethnic groups: Latinos, Asian Americans, African Americans. While emphasizing the contemporary period, each course focuses on the social, cultural and historical experiences of each group. Areas covered are assimilation and resistance, distribution in the social and power structure, family systems and cultural values, labor and migration, role of religion, status of women, etc. May be repeated for credit as content varies.

Core Curriculum Designation(s)

AD - American Diversity

Course credits: 1

SOC 124 - Justice and Community

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Addresses the use of state power in the carrying out of crime control, retribution and the overall protection of the community. The course has three main parts: a theoretical look at how we have ended up with the justice system that we have today; the practice of justice through field studies on police, courts and prisons; and an in-depth investigation into an area of criminal justice of current relevance (such as "three strikes," the expansion of prisons, or race and justice).

Core Curriculum Designation(s)

TCG - The Common Good

Course credits: 1

SOC 125 - Gender and Society

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

While sex differences are biological, gender encompasses the traits that society assigns to and inculcates in males and females. This course studies the latter: the interplay between gender and society. It takes an inclusive perspective, with a focus on men and women in different cultural contexts defined by ethnic group membership, sexuality and socioeconomic status.

Course credits: 1

SOC 126 - Field Experience

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Opportunity for students to gain hands-on experience conducting sociological analysis in the field. Supervised work in community agencies, government bureaus, museums and political or industrial organizations.

Course credits: 1

SOC 128 - Crime and Delinquency

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

The course addresses different theoretical and sociological approaches to crime, follows changes in these approaches over time and looks at how these changes reflect broader shifts in our comprehension of human nature and behavior. Students gain insights not only to changes in the understanding of crime but also to changes in our fundamental view of

human behavior.

Course credits: 1

SOC 130 - Sociological Theory

Upper Division

Prerequisites

Students must have completed SOC 002 and SOC 101. It is suggested that students have junior standing to take this course.

Analysis of the works of major theorists who have influenced sociology. Emphasis on explaining what is essential about particular theoretical frameworks, how they can be used and why they should be studied.

Course credits: 1

SOC 132 - Sociological Research Methods

Upper Division

Prerequisites

Students must have completed SOC 002 and SOC 101. It is suggested that students have junior standing to take this course.

This course will teach you the logic of social science research, teach you some specific methodological tools used by sociologists, and have you use these tools to collect data to answer a sociological research question.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

SOC 133 - Senior Thesis

Upper Division

Prerequisites

This should be taken in the senior year. A faculty sponsor is required.

Continuation of Research Methods course where honor students undertake individual research, culminating in the senior project.

Course credits: 1

SOC 135 - Special Topics

Upper Division

Prerequisites

All upper-division courses have a prerequisite of SOC 002, or SOC 004, or the consent of the instructor.

Special topics in sociology include such issues as international race relations, criminology and emotion, sociology of disaster, sociology of film and other topics.

Repeatable

May be repeated as content varies.

Course credits: 1

SOC 195 - Special Study Internship

Upper Division

Prerequisites

Sponsorship by a sociology faculty member and approval of the department chair is required.

This course is usually taken by an upper-division student who wishes to complete their education with related work experience and is maintaining at least a C average. In addition to work experience (6-8 hours per week), outside research and a term project are usually required.

Course credits: Credit may vary

SOC 196 - Senior Research Seminar

Upper Division

Prerequisites

SOC 132.

In this course you will take all that you have learned in sociology and weave it into an original research project of your own choosing. Using what you have learned of sociological methods you will design and conduct a research project. You will analyze the data and use sociological theory to explain it. You will also conduct a literature review in the relevant content area and integrate all of this in the final paper. The final paper will be written in the format of a sociological journal article.

Course credits: 1

SOC 197 - Independent Study

Upper Division

Prerequisites

Sponsorship by a sociology faculty member and approval of the department chair is required.

This course entails independent study or research for students whose needs are not met by courses available in the regular offerings of the department. The course usually requires the writing of a term project.

Course credits: Credit may vary

SOC 199 - Special Study - Honors

Upper Division

Prerequisites

Approval of the department chair is required.

This course is only available to upper-division majors with a B average or higher and entails independent study or research under the supervision of a sociology faculty member.

Course credits: Credit may vary

Spanish - Lower Division

SPAN 001 - Elementary Spanish

Lower Division

For students with no prior knowledge of Spanish. With instruction in basic grammar structures and communication strategies, students begin to develop listening, speaking, reading and writing skills. Students who have some prior study of Spanish, but who need to review the basics, should enroll in Spanish 2.

Course credits: 1

SPAN 002 - Continuing Elementary Spanish

Lower Division**Prerequisites**

SPAN 001 or the equivalent.

For students with one or two years of secondary study of Spanish (or the equivalent). This course continues the development of listening, speaking, reading and writing, emphasizing conversation on everyday topics.

Course credits: 1

SPAN 003 - Intermediate Spanish

Lower Division**Prerequisites**

SPAN 002 or the equivalent.

For students with two or three years of secondary study of Spanish (or the equivalent). This course continues the development of listening, speaking, reading and writing, fostering confidence in conversation and composition across a variety of subjects.

Course credits: 1

SPAN 004 - Continuing Intermediate Spanish

Lower Division**Prerequisites**

SPAN 003 or the equivalent.

For students with three or four years of secondary study of Spanish (or the equivalent). This course offers an abbreviated review of primary structures and concentrates heavily on developing communicative ability through readings, music and visual resources. For students who have completed an overview of basic grammar and are ready to combine and apply their language skills in most settings.

Course credits: 1

SPAN 006 - Beginning/Intermediate Conversation

Lower Division

Conversational practice for students enrolled in first- or second-year Spanish.

Lecture and/or Lab Hours

Meets once a week.

Repeatable

May be repeated for credit.

Course credits: 0.25

SPAN 009 - Spanish for Spanish Speakers

Lower Division

A course designed specifically for Latino students who wish to improve their written language. Differences between written and spoken Spanish are emphasized. Reading and discussion of essays and short stories by Latino and Latin American writers; regular written assignments.

Core Curriculum Designation(s)

AD - American Diversity

Course credits: 1

SPAN 010 - Conversation & Composition

Lower Division

This high intermediate level course prepares students for upper-division work by developing increased fluency in speaking and writing. The course uses a variety of texts, media, and film to focus on expansion of vocabulary and to explore the richness and diversity of the Spanish language and culture of which the U.S. is a part. A sound knowledge of Spanish grammar is expected, and the course targets grammatical items as needed. Required for Spanish majors and open to students from other disciplines who wish to improve their mastery of the language.

Core Curriculum Designation(s)

GP - Global Perspectives

Course credits: 1

SPAN 011 - Introduction to Literature

Lower Division**Prerequisites**

SPAN 009 or SPAN 010, or the equivalent.

Introduction to literary analysis. This course requires close reading of texts and emphasizes extensive writing about literature. Examination of the notion of genre, narrative devices, structure, etc. Required of majors and minors.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); GP - Global Perspectives

Course credits: 1

SPAN 021 - Intensive Elementary Spanish**Lower Division**

An accelerated review of first-year college Spanish for students with some prior study of the language. Satisfactory completion of this course (minimum grade C-) gives credit for Spanish 2.

Course credits: 1

SPAN 060 - Spanish Civilization for Travel Courses**Lower Division**

In preparation for study in Spain, students read about major periods in history and analyze the principal currents in art. In addition this course examines cultural traits of everyday life.

Course credits: 0.25

SPAN 081 - Elementary Spanish Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in SPAN 001.

Required praxis to accompany SPAN 001.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

SPAN 082 - Continuing Elementary Spanish Praxis**Lower Division****Concurrently**

Must be enrolled concurrently in SPAN 002.

Required praxis to accompany SPAN 002.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

SPAN 082 - Continuing Elementary Spanish Praxis

Lower Division

Concurrently

Must be enrolled concurrently in SPAN 021.

Required praxis to accompany SPAN 021.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

SPAN 083 - Intermediate Spanish Praxis

Lower Division

Concurrently

Must be enrolled concurrently in SPAN 003.

Required praxis to accompany SPAN 003.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

SPAN 084 - Continuing Intermediate Spanish Praxis

Lower Division

Concurrently

Must be enrolled concurrently in SPAN 004.

Required praxis to accompany SPAN 004. One hour per week.

Course credits: 0.25

SPAN 089 - Spanish for Spanish Speakers Praxis

Lower Division

Concurrently

Must be enrolled concurrently in SPAN 009.

Required praxis to accompany SPAN 009.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

SPAN 090 - Conversation-Composition Praxis

Lower Division

Concurrently

Must be enrolled concurrently in SPAN 010.

Required praxis to accompany SPAN 010.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

SPAN 091 - Introduction to Literature Praxis

Lower Division

Concurrently

Must be enrolled concurrently in SPAN 011.

Required praxis to accompany SPAN 011.

Lecture and/or Lab Hours

One hour per week.

Course credits: 0.25

Spanish - Upper Division

SPAN 100 - Spanish Phonetics and Dialectology

Upper Division

Students will study the sounds, intonation and rhythm of spoken Spanish as they explore general principles of phonetics and phonology, phonetic transcription, historical development of the Spanish sound system and differences between modern peninsular and Latin American dialects. The course also addresses the Spanish/English contrastive analysis and typical phonetic interference present in bilingual speech communities.

Course credits: 1

SPAN 101 - Advanced Spanish Syntax and Composition I

Upper Division

This course is a systematic review of essential aspects of Spanish syntax with a variety of writing exercises using texts as a point of departure. Students will analyze samples of mass media communication for content and style, including newspaper and magazine articles, essays and editorials, book reviews, film scripts, publicity and film and theater reviews. In the second half of the term, some emphasis is placed on creative writing.

Course credits: 1

SPAN 102 - Advanced Writing and Research

Upper Division

In this course, students will further develop their Spanish skills in literary analysis and academic writing, with the opportunity to research and investigate themes related to literature using the library and other research tools. Students will be able to articulate clear theses and support them through primary and secondary research. Topics to be taught include bibliographies, footnotes and formatting a project using the standard MLA style guide for foreign languages and literatures.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

SPAN 103 - Spanish Linguistics

Upper Division

This course familiarizes students with the scientific study of the Spanish language. Areas covered include phonetics, phonology, morphology, syntax, semantics, sociolinguistics, bilingualism and the history of the Spanish language from its roots in Vulgar Latin to its modern dialectal variations.

Course credits: 1

SPAN 104 - Workshop in Translation

Upper Division

Introduction to the linguistic and aesthetic problems of translation, with emphasis on learning through practice. Focus on various kinds of texts, both literary and technical. Equal emphasis given to translating from Spanish to English and from English to Spanish.

Core Curriculum Designation(s)

CE - Community Engagement

Course credits: 1

SPAN 106 - Advanced Conversation

Upper Division

Conversation on contemporary issues. Source materials include newspaper articles, television and radio programs.

Lecture and/or Lab Hours

Meets once a week.

Repeatable

May be repeated for credit.

Course credits: 0.25

SPAN 120 - Spanish Literature: Middle Ages to Eighteenth Century**Upper Division**

Introduction and study of the major genres and writers from the Middle Ages to the 18th century, including *Cantar de mio Cid*, medieval ballads, early lyric and didactic poetry and readings in medieval prose and drama; selections from lyric and mystic Renaissance poetry; the picaresque novel. Golden Age prose and poetry, including Cervantes, Góngora, Lope de Vega and Calderón.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Term Offered

Offered in alternate years.

Course credits: 1

SPAN 121 - Spanish Literature: Eighteenth Century to the Mid-Twentieth Century**Upper Division**

Readings from the major writers and literary movements in Spain from 1700 to 1940. An overview of 18th-century ideological renewal as manifested in essays, the neoclassic theater and social satire. This course includes nineteenth-century Romanticism in poetry and drama, Realism and Naturalism in the 19th-century novel, the generation of 1898, and 20th-century modernism in prose, poetry and drama.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Term Offered

Offered in alternate years.

Course credits: 1

SPAN 122 - Literature of the Golden Age**Upper Division**

Topics covered include the theater of 17th-century dramatists: Lope de Vega, Calderón, Tirso de Molina and others; the poetry of Garcilaso, Herrera, Lope de Vega, Quevedo, Góngora, Fray Luis de León, San Juan de la Cruz, Santa Teresa; prose masterpieces such as Cervantes' *Don Quixote* and representative selections from his *Novelas ejemplares*.

Course credits: 1

SPAN 127 - Contemporary Peninsular Literature

Upper Division

Study of major literary trends in poetry, prose and drama of the 20th century.

Repeatable

May be repeated as content varies.

Course credits: 1

SPAN 130 - Special Topics in Literary Studies

Upper Division

Prerequisites

SPAN 011 or equivalent.

This course is an intensive study and analysis of a single salient feature or movement in Spanish/Latin American literature.

Repeatable

May be repeated as content varies.

Cross-Listing

MODL 130

Course credits: 1

SPAN 131 - Special Topics in Hispanic Linguistics

Upper Division

Prerequisites

SPAN 011 or equivalent.

This course is an intensive study and analysis of a particular topic of the Spanish language, including such areas as historical linguistics, sociolinguistics, morphology, second language acquisition, bilingualism, and methodologies of teaching language.

Repeatable

May be repeated as content varies.

Cross-Listing

MODL 131

Course credits: 1

SPAN 132 - Special Topics in Hispanic Cultural Studies

Upper Division

Prerequisites

SPAN 011 or equivalent.

Courses taught under this designation seek to provide students with an understanding of the history, cultures, and contemporary issues of Latin America, including the presence of Latinos in the United States.

Repeatable

May be repeated as content varies.

Cross-Listing

MODL 132

Course credits: 1

SPAN 140 - Latin American Literature I**Upper Division**

A study of the foundations of literature of Latin America, from the colonial period through neoclassicism; Mexico's picaresque novel; the literature of the struggle for independence; romanticism in prose and poetry.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); GP - Global Perspectives

Course credits: 1

SPAN 141 - Latin American Literature II**Upper Division**

An upper-division survey literature course designed to give students a wide scope of readings from the beginning of 20th century to more recent texts that have shaped Latin America's social, cultural, and literary history. Students read representative authors; analyze texts using appropriate literary terminology; and engage with questions of regional and individual national identities.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); GP - Global Perspectives

Term Offered

Offered in alternate years.

Course credits: 1

SPAN 143 - Contemporary Latin American Literature**Upper Division**

Study of major literary trends in poetry, prose and drama of the 20th century.

Repeatable

May be repeated as content varies.

Course credits: 1

SPAN 145 - Twentieth-Century Mexican Literature

Upper Division

Major literary currents and primary works of the most prominent writers of the 20th century within the framework of the economic and social changes of the period: the Mexican Revolution and its aftermath; the feminist revolution; political developments.

Additional Notes

Available for variable credit.

Course credits: Credit may vary

SPAN 150 - Chicano / Chicana Literature

Upper Division

An exploration and analysis of representative works by Chicano/Chicana writers and the vision they present of themselves. Samples of poetry, drama and prose are considered. May be repeated for credit as content varies.

Additional Notes

Available for variable credit.

Course credits: Credit may vary

SPAN 160 - Culture and Civilization of Spain

Upper Division

Highlights of Spain's culture against the backdrop of Spanish civilization. Masterpieces of Spanish artistic expression are studied as are the roles of social, religious and political values in the development of Spain's culture and civilization up to contemporary times.

Term Offered

Offered in alternate years.

Course credits: 1

SPAN 161 - Culture and Civilization of Latin America

Upper Division

A literature-based course focusing on the origin and heritage of Latinos. An examination of the social, religious and political values of the culture, and the similarities and differences between Latin American nations.

Core Curriculum Designation(s)

GP - Global Perspectives

Term Offered

Offered in alternate years.

Course credits: 1

SPAN 162 - Culture and Civilization of Mexico

Upper Division

A study of the major historical periods, from pre-Columbian times to the present. Emphasis given to cultural traits particular to Mexico. An overview of art history: Mesoamerican art, the mural movement and contemporary currents.

Course credits: 1

SPAN 170 - Business Spanish

Upper Division

Composition and translation of Spanish/Hispanic business correspondence to develop familiarity with the Spanish commercial idiom. Reading and oral practice in Spanish using as source material current topics in world trade, economics, banking and industry, with focus on Latin America and Spain.

Course credits: 1

SPAN 195 - Internship

Upper Division

Work-study program conducted in an internship position under the supervision of a faculty member.

Lecture and/or Lab Hours

Permission of instructor and department chair required.

Course credits: Credit may vary

SPAN 196 - Capstone

Upper Division

Required of all Spanish majors in the spring of their senior year. This course is designed to help seniors assess and integrate the knowledge they have acquired through their major courses, and consider what they have learned in the context of their overall undergraduate experience.

Course credits: 0.25

SPAN 197 - Independent Study

Upper Division

An independent study or research course for students whose special needs are not met by the regular course offerings of the department.

Lecture and/or Lab Hours

Permission of the instructor and department chair required.

Course credits: Credit may vary

SPAN 198 - Honors Essay**Upper Division**

An independent research project for senior Spanish majors completing Option B: the Honors program.

Course credits: 0.25

SPAN 199 - Honors Independent Study**Upper Division**

An independent study or research course for senior Spanish majors with a 3.5 average in Spanish.

Lecture and/or Lab Hours

Permission of the instructor and department chair required.

Course credits: Credit may vary

Theology & Religious Studies - Lower Division**TRS 011 - Meditation and Prayer Techniques****Lower Division**

Course credits: .25

TRS 017 - Listening to Life: Living Lasallian I**Lower Division****Term Offered**

Fall

Course credits: .25

TRS 018 - Listening to Life: Living Lasallian II**Lower Division****Term Offered**

Spring

Course credits: .25

TRS 097 - The Bible and Its Interpretation

Lower Division

This course focuses on the Bible, the sacred scriptures of the Jewish and Christian peoples. This diverse collection of writings has served as inspiration and catalyst for a great number of central events in human history—from the movements of liberation led by Mahatma Gandhi and Martin Luther King, Jr., to the great human tragedies of slavery in the Old South and the medieval Crusades. These texts have also had a profound influence on art, literature, philosophy, and politics for over two thousand years of history, particularly in the West. As such, an understanding of the Bible is essential for a well-informed perspective on the world. This course will introduce students to the most important biblical events and themes, raising questions of the influence and relevance of this text for the modern world. This course will also teach students to employ critical, scholarly tools for reading and interpretation, such as historical and literary criticism, as well as various lenses for the modern academic study of religion. Co-curricular lectures are an integral part of this class.

Core Curriculum Designation(s)

CF - Christian Foundations

Course credits: 1

Theology & Religious Studies - Upper Division

"Intensive Inquiry" courses (classes numbered 180 -187, below) are regularly offered in the various areas of study that make up the course offerings of the department. These courses give students the opportunity to engage in the kind of in-depth thinking and research that will best prepare them for graduate work in the field.

TRS 189 - The Bible and Its Interpretation: Great Themes

Upper Division

Prerequisites

None.

Intended for junior transfers (16.0+ entering credits), this course focuses on the Bible, the sacred scriptures of the Jewish and Christian peoples, texts that have had a profound influence on religion, art, politics, and culture for over two thousand years. This course will introduce students to the most important biblical texts and themes, focusing especially on the Torah and the Gospels, and will teach students to employ critical, scholarly tools for reading and interpretation. In addition, each section of this course will focus on a special issue, theme, or question that appears in a diversity of biblical texts and that moves beyond the Bible to modern relevance or implications (e.g., justice, politics, liturgy, theodicy, art). Co-curricular lectures are an integral part of this class.

Core Curriculum Designation(s)

CF - Christian Foundations

Additional Notes

May not be taken by students who have completed TRS 097. This course is reserved for transfer students with 16.0 credits or more at time of entrance.

Course credits: 1

TRS 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: 1

TRS 197 - Special Study

Upper Division

Prerequisites

Permission of the department Chair and instructor required.

An independent study or research course for students whose needs are not met by the regular course offerings of the department.

Course credits: Credit may vary

TRS 199 - Special Study - Honors

Upper Division

Prerequisites

Permission of the department Chair and instructor required.

An independent study or research course for upper-division majors with at least a B average in theology & religious studies.

Course credits: 1

Theology & Religious Studies - Christian History

TRS 100 - Topics in Christian History

Upper Division

Prerequisites

TRS 097 or TRS 189.

An investigation of a topic in Christian history not covered by the regular offerings of the department. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 101 - Origins of Christianity

Upper Division

Prerequisites

TRS 097 or TRS 189.

The Christian religion begins its story with only a few dozen followers of a crucified man in the first century-backwater, uneducated, and unlikely to survive very long in a Mediterranean world dominated by much more powerful religious systems. Yet, within less than three centuries, Christianity would overwhelm the Roman Empire and beyond, building an elaborate theological and ecclesiastical system that would last until the present day. The course examines the rise of this Christian movement, focusing on such topics as Gnosticism, martyrdom, and the development of Christian ideas about Jesus.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 102 - Medieval Christianity

Upper Division

Prerequisites

TRS 097 or TRS 189.

The European Middle Ages was a world dominated by monks, popes, and mystics. Life was an uninterrupted struggle between heaven and hell, life and death, priests and kings. This course is an introduction to the major figures, events, and movements of this period from the fall of Rome to the dawn of modernity. Students will have the opportunity to explore the great pillars of medieval religion-monasticism, papalism, theology, and mysticism.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 103 - Reformations

Upper Division

Prerequisites

TRS 097 or TRS 189.

Every age of Christian history has been marked by the call for religious reform-renewing both the personal lives of each believer and the institutional structures that endure through the centuries. However, such a universal passion for reform took on special importance in the 15th and 16th centuries, a period that has come to be known as The Reformation. This course explores the variety of reforming voices-Protestant and Catholic-that shaped the future of Christianity, giving special attention to the major theological and political issues that dominated the time.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

Theology & Religious Studies - Scripture

TRS 110 - Topics in the Study of Scripture

Upper Division

Prerequisites

TRS 097 or TRS 189.

An investigation of a topic in scripture not covered by the regular offerings of the department. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 111 - The Pentateuch

Upper Division

Prerequisites

TRS 097 or TRS 189.

A study of the first five books of the Bible, the history of their composition, and their theological contributions to Judaism and Christianity.

Course credits: 1

TRS 114 - The Gospel of Mark

Upper Division

Prerequisites

TRS 097 or TRS 189.

A close study of the Gospel of Mark with an emphasis on its literary, historical, social, and political background.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 115 - Jesus and His Teaching

Upper Division

Prerequisites

TRS 097 or TRS 189.

An exploration of the teaching attributed to Jesus in the Synoptic Gospels (e.g., the Sermon on the Mount, parables, and

other memorable statements), emphasizing the ways in which Jesus' statements have been interpreted and appropriated.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 116 - Paul's Letters and Legacy

Upper Division

Prerequisites

TRS 097 or TRS 189.

An in-depth examination of the letters of Paul, focusing on the mission and message of the apostle in his Jewish and Greco-Roman contexts. Students develop a broad understanding of the apostle's work and thought, as well as an appreciation for the historic and continuing impact of these documents.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 117 - Wealth and Poverty in the Bible

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course explores biblical and theological perspectives and values on wealth, poverty, and economic justice, paying particular attention to potential implications those issues may have for the contemporary Christian community and wider society.

Core Curriculum Designation(s)

TE - Theological Explorations; AD - American Diversity; TCG - The Common Good

Course credits: 1

TRS 118 - Women and the Bible

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course explores the current status of feminist biblical interpretation focusing on the major female characters of the Bible and on the ways modern women of diverse backgrounds interpret them. We will use the tools of academic criticism (historical, literary, rhetorical, et al.) in an attempt to understand the places, roles, and agency of women in the biblical text, in the ancient world that lies behind the text, and in the worlds formed on the belief that these biblical texts are sacred scripture.

Core Curriculum Designation(s)

TE - Theological Explorations; TCG - The Common Good

Course credits: 1

TRS 119 - Apocalypse and Eschatology**Upper Division****Prerequisites**

TRS 097 or TRS 189.

This course explores the life and afterlife of the Book of Revelation: its origins in contemporary Jewish and Christian literature and world-views, its meaning for a first-century Christian readership, and the long and fascinating history of its interpretation, from the early church to modern fascination with the Antichrist, the Millennium, and the Rapture.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

Theology & Religious Studies - Theology, Liturgy, and Spirituality**TRS 120 - Topics in Systematic Theology****Upper Division****Prerequisites**

TRS 097 or TRS 189.

An investigation of an area of Christian thought not covered by the regular offerings of the department.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 121 - Belief and Unbelief**Upper Division****Prerequisites**

TRS 097 or TRS 189.

An investigation, theoretical and existential, of the challenge of faith today with special attention to the "new atheists" and Christian responses to them.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 122 - Jesus: Human and Divine

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course examines the traditional sources of the Christian community's understanding of Jesus of Nazareth in the light of contemporary concerns and critiques.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 123 - Sex and the Spirit

Upper Division

Prerequisites

TRS 097 or TRS 189.

An exploration of a contested area in Christian thought today, setting traditional understandings in dialogue with contemporary concerns and critiques. How does our experience of ourselves as sexual beings open us to the experience of the holy; and, conversely, how might our desire for God be intimately related to our sexual desire and longings? These are the questions that will be the focus of our work. Not a course on sexual ethics, this course is an exploration of the complex interrelationship of sexual and spiritual desire as both are reflected upon in the Christian spiritual tradition and others.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 125 - Theologies of Liberation

Upper Division

This course introduces students to the intersection of theology and social justice by way of various theologies of liberation, resistance, and decolonization. A particular focus of this class is how these politically and socially conscious theologies emerged in Latin America during the 1960s and 1970s, insisting that the Word of God is mediated through the cries of the poor and oppressed, and asserting that through our participation in the struggles of the poor we can begin to understand the implications of the gospel message and its call for the liberation of oppressed people from unjust political, economic, and social subjection. By focusing the lens of theology on the injustices faced by those on the margins of modernity, this course is concerned with the ways in which Christian theology inspires compassion, critical reflection, and resistance to social injustice and ecological damage.

Core Curriculum Designation(s)

TE - Theological Explorations; TCG - The Common Good

Course credits: 1

TRS 126 - Theology of Creation: The Incarnate Word in an Evolving Universe

Upper Division

Prerequisites

TRS 097 or TRS 189.

It is popularly thought that Christian faith and evolutionary biology are firmly opposed to one another, and that Christians frequently underplay ecological concerns because of an excessive emphasis on a salvation from this world and into the world of heaven. This course will seek to debunk both of those assumptions by exploring a theology of Creation that understands Creation to be nothing less than the outpouring of the love of the Trinitarian God. The course will explore the emerging new scientific story of the universe, and harvest the rich insights about Creation that can be gleaned from the First and Second Testaments, the patristic and medieval traditions, and contemporary systematic theology.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 127 - In the Face of Mystery: Using Faith and Reason in the Search for God

Upper Division

Prerequisites

TRS 097 or TRS 189.

For the Catholic intellectual, faith and reason are integrally related as two sources for coming to know about God. As St. John Paul II writes in his encyclical *Fides et Ratio*, "Faith and reason are like two wings on which the human spirit rises to the contemplation of truth; and God has placed in the human heart a desire to know the truth-in a word, to know Godself-so that, by knowing and loving God, men and women may also come to the fullness of truth about themselves." So the journey of understanding God is also intrinsically related to the search for truth, the search to understand the mystery of the human person, and, ultimately, the search for self-understanding.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 128 - The Trinity

Upper Division

Prerequisites

TRS 097 or TRS 189.

The heart of Christianity, its strangest and most fascinating set of beliefs, rests in the Trinity. This course explores the Christian doctrine of God through its most significant controversies, both ancient and modern. Students will acquire a more thorough context for the Christian understanding of God, as well as a more robust sense of this understanding as

it continues in the present.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 129 - Foundations of Theology

Upper Division

Prerequisites

TRS 097 or TRS 189.

Theology is the human attempt to speak (logos) about God (theos). It starts from the presupposition that divine reality exists and is, at least in some sense, knowable to human beings - hence the classic description of theology as "faith seeking understanding." But what can the human mind grasp and the human tongue say about a reality that is so much larger than either? Does one rely on revealed texts, on philosophical reasoning, on community sentiment, on individual experience? These questions, and many more, lead not to one theology but to many theologies. This course seeks to introduce students to the questions, methods, sources, and history of Christian theology with a special emphasis on introducing students to the types of theology practiced in the modern academy.

Additional Notes

Restricted to TRS Majors, Minors; or with permission of instructor. This is a required course for TRS majors. It is one of two options, along with TRS 179, for minors. It does not fulfill any core requirements for Theological Understanding.

Course credits: 1

TRS 131 - Christian Spirituality

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course explores the experience, understanding, and living out of the Christian faith. It studies classical and contemporary texts of some of its most important figures of Christian spirituality. It examines various expressions of spirituality in architecture, poetry, painting, and music. It considers the question of religion versus spirituality as well as the question of relating to God within a universe of galaxies that seems to dwarf all human experience.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 132 - Sexuality, Marriage and Family: A Catholic Perspective

Upper Division

Prerequisites

TRS 097 or TRS 189.

A presentation of the teaching of the Church on all aspects of sexuality, marriage and family.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 133 - Life Stories and Theology

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course uses the "Stages of Formative Spirituality" as a lens for exploring the lives of some significant nineteenth and twentieth-century persons whose spiritual and philosophical commitments profoundly influenced their life choices. It looks at women and men of various ethnicities and faith traditions in order to come to a deeper understanding of how one's spiritual and religious worldview shapes the kind of life that one leads.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 134 - The Catholic Imagination

Upper Division

Prerequisites

TRS 097 or TRS 189.

The thesis of this course is that there is a unique way of looking at the world: "the Catholic Imagination." This imagination can be discerned, not only in church teaching, but also in art and architecture, music painting, fiction, poetry, and film, in the church's concern for social justice, and in the stories of individual women and men of faith, many of whom have shown incredible vision and heroism.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 135 - Christian Liturgy and Sacrament

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course explores the practice of Christian worship from its ancient roots in Judaism to the present age by examining the theological explanations given for the nature of that worship over time. Controversies in Early Church, Medieval, Reformation, Modern, and Post-modern Christianity will help frame a discussion of the role of the liturgy and

sacraments in the life of faith.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 136 - Saints Yesterday and Today

Upper Division

Prerequisites

TRS 097 or TRS 189.

We often think of Saints as exceptionally holy people, but they were first of all flesh-and-blood human beings like each of us. Every religious tradition has them—men and women who, beyond the ordinariness of life's circumstances, lived extraordinary lives or did extraordinary things. And so we venerate them because they have become heroes, models, examples, and mediators between ourselves and God whom they now see face to face. In this course we will encounter Saints and saints—ancient, modern, hidden, popular, unknown, heroic—and explore their lives in history, in devotion, in literature, in art, and in the tradition of the Church.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 137 - The Virgin Mary

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course examines the roots and rise of Christian, especially Catholic, devotion to the Virgin Mary. Thought concerning Mary as expressed in the writings of the Church Fathers as well as the growth of traditional popular Marian piety will be addressed. Doctrine (official teaching) as well as devotional practices (rosary, scapular, etc.) and phenomena (such as the apparitions at Guadalupe and Lourdes) will all be examined. Contemporary fiction and autobiography are also included as evidence of the continuing relevance of the Virgin Mary to modern life and living.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

Theology & Religious Studies - Ethics

TRS 140 - Topics in Christian Ethics

Upper Division

Prerequisites

TRS 097 or TRS 189.

An investigation of a topic in ethics not covered by the regular offerings of the department. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 141 - Christian Ethics

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course introduces students to the disciplined study of ethics in the Roman Catholic tradition and the reformulation of Catholic ethics taking place in the spirit of Vatican II. The primary focus is on the fundamental topics of moral theology: what difference Jesus makes to moral theology, the role of scripture, virtue, the conscience, sin and conversion, the fundamental option, proportionalism, the teaching authority of the church on moral matters, and the relation of morality to civil law. Concrete issues such as contraception and homosexuality will be considered as test cases for Roman Catholic moral theology and as illustrations of the debates and tensions present in Catholic ethics since Vatican II. This course also integrates the insights of Christian ethics through a discussion of film and drama.

Core Curriculum Designation(s)

TE - Theological Explorations; TCG - The Common Good; CE - Community Engagement

Course credits: 1

TRS 142 - Medical Ethics

Upper Division

Prerequisites

TRS 097 or TRS 189.

Ethics-how we should live-is at the core of medical practice. With the dramatic changes in medical practice in recent decades, from new technologies, to changes in financing, to a changed conception of patient rights, medical ethics has rapidly moved from obscurity to become one of the most important areas of applied ethics. This course explores the relation between religious and moral values and the choices we as individuals and as a society make about health care. Basic principles and methods of contemporary medical ethics will be introduced, along with a focus on virtue ethics and competing models of the patient-physician relationship. A wide range of issues will be analyzed: informed consent, confidentiality, research on human subjects, reproductive technology, appropriate care for seriously ill newborns, abortion, gene therapy, quality-of-life assessments, terminal sedation, withdrawal of nutrition and hydration, physician-assisted suicide, and proposals for health-care reform.

Core Curriculum Designation(s)

TE - Theological Explorations; TCG - The Common Good

Course credits: 1

TRS 143 - Catholic Social Teaching

Upper Division

Prerequisites

TRS 097 or TRS 189.

Explores the Catholic approach to questions of social justice (e.g., the problems of poverty, exploitation, and racism).

Core Curriculum Designation(s)

TE - Theological Explorations; TCG - The Common Good; CE - Community Engagement

Course credits: 1

Theology & Religious Studies - World Religions

TRS 150 - Topics in World Religions

Upper Division

Prerequisites

TRS 097 or TRS 189.

An investigation of a topic in world religions not covered by the regular offerings of the department. Topics are announced prior to registration each semester. May be repeated for credit when content changes.

Course credits: 1

TRS 151 - Judaism

Upper Division

Prerequisites

TRS 097 or TRS 189.

Modern Jewish life is the product of more than 3000 years of evolving thought, worship, traditions, theology, history, and civilization. This course examines these interweaving strands of Jewish civilization as it investigates the dynamic role Judaism plays for its adherents then and now.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 152 - Islam: Beliefs and Practices

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course introduces students to the ideas that shaped Islamic history, from the early pre-Islamic period and the conditions prevalent at Islam's inception all the way to the present. The basic belief system, rituals, mystical traditions and Islamic societal interaction will be studied with ample references from the Qur'an and prophetic statements. The

Prophet Muhammad will be explored in depth and various sources of historical record will be examined.

Core Curriculum Designation(s)

TE - Theological Explorations; GP - Global Perspectives

Course credits: 1

TRS 153 - Eastern Religions

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course is an introduction to the study of religion by way of four of the world's major traditions: Hinduism, Buddhism, and/or the Chinese religious field (Confucianism and Taoism). The emphasis will be on each tradition's views of the nature of ultimate reality, human nature, the highest good that life can attain, and the conduct that leads to that attainment. Attention will also be given to the difficulties of trying to cross conceptual boundaries.

Core Curriculum Designation(s)

TE - Theological Explorations; GP - Global Perspectives

Course credits: 1

TRS 154 - Hinduism

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course examines the cultural/religious phenomenon of "Hinduism" in a number of its ancient and modern forms by examining how it has developed in the context of historical forces and responded to the modern world as it adapts to a global setting. It examines dimensions of Hindu theology and philosophy; the role of deities, temples, and cultural practices; investigates central myths, much-loved stories, global gurus, and Bollywood films.

Core Curriculum Designation(s)

TE - Theological Explorations; GP - Global Perspectives

Course credits: 1

TRS 155 - Buddhism

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course examines the history, thought, and practice of Buddhism by studying the enduring themes and cultural adaptations of its main schools through primary and secondary texts, art, video/audio, and field trips. We trace a number of Buddhism's developments from its founding in India to its present forms around the globe by examining each of the Three Jewels, that is, Buddha, Dharma, and Sangha.

Core Curriculum Designation(s)

TE - Theological Explorations; GP - Global Perspectives

Course credits: 1

TRS 156 - Religions of India**Upper Division****Prerequisites**

TRS 097 or TRS 189.

India's long and rich history of religious diversity is both well-known and highly complex. We focus our study on a number of religious traditions (Hinduism, Islam, Buddhism, Sikhism, Jainism, and/or Parsi) within a wide variety of their historical and cultural settings. Our study will examine both individual traditions and the complex history of their interaction. We'll also examine how religions interact with political, social, and economic systems as well as look at examples of religious pluralism together with its promises and problems in historic and contemporary settings within India and beyond.

Core Curriculum Designation(s)

TE - Theological Explorations; GP - Global Perspectives

Course credits: 1

TRS 157 - Pluralism and Interreligious Dialogue**Upper Division****Prerequisites**

TRS 097 or TRS 189.

This course proceeds under the assumption that various of the world's religions are similar in enough ways to make some comparison possible and different enough to make it interesting. The history, prospects, and limitations of pluralism and interreligious dialogue are considered within the context of an increasingly global world.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

Theology & Religious Studies - Theology, Religion, and the Arts**TRS 160 - Topics in Religion and the Arts****Upper Division****Prerequisites**

TRS 097 or TRS 189.

An investigation of a topic of religion and culture not covered by the regular offerings of the department. Topics are announced prior to each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 162 - Biblical Themes in Literature**Upper Division****Prerequisites**

TRS 097 or TRS 189.

Religious and biblical themes are woven into important works of modern American fiction. This course usually features a critical reading of biblical texts like Genesis, Exodus, and Maccabees followed by a reading of plays and novels like *Inherit the Wind*, *A Different Drummer*, and *The Chosen*.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 164 - Dante and The Divine Comedy**Upper Division****Prerequisites**

TRS 097 or TRS 189.

This course offers an in-depth spiritual and literary exploration of one of the greatest works of world literature: Dante's *Divine Comedy*. The theme of pilgrimage engages both Dante and the students in a journey to redemption by a deep acquaintance with sin (*Inferno*), an experience of repentance and forgiveness (*Purgatorio*), and a vision of eternal re-union (*Paradiso*). The course explores the profound and eternal consequences of choice and free will as God's greatest gift, and how our understanding and experience of love grows in clarity through the greater union of ourselves with the divine. Dante and his readers—all pilgrims—struggle toward maturity while wrestling with the disguises and even the glamor of evil, the necessity of personal honesty and introspection, and the unexpected breadth of God's mercy.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 167 - Visual Theology: Christian Art and Architecture**Upper Division****Prerequisites**

TRS 097 or TRS 189.

This course is designed to give students a foundation in the theories and methods used to study religion. The course will examine classical and contemporary approaches to the study of religion and the development of religious studies as an academic discipline. The focus will be on seminal theories and methods, such as those formulated by Sigmund

Freud, Emile Durkheim, and Clifford Geertz. A key component of the course will be an exploration of the differences between theological and religious studies approaches to religion and the way these approaches have influenced each other. Students will also have the opportunity to become familiar with critical issues and debates within the contemporary field of religion and power, the role of the body in religion, and the place of theological perspective in the academic study of religion.

Core Curriculum Designation(s)

TE - Theological Explorations

Additional Notes

Restricted to TRS Majors, Minors; or with permission of instructor. This is a required course for TRS majors. It is one of two options, along with TRS 129, for minors. It does not fulfill any core requirements for Theological Understanding.

Course credits: 1

TRS 168 - Encountering Christian Art: Rome

Upper Division

Prerequisites

TRS 097 or TRS 189.

This quarter-credit course is an on-site introduction and exploration of the theological dimensions of the works of Christian art and architecture in the city of Rome, focusing on the churches of Rome where much of this art is housed, but also featuring study of the catacombs and the Vatican Museums.

Course credits: 0.25

Theology & Religious Studies - Religion and Culture

TRS 170 - Topics in Religion and Culture

Upper Division

Prerequisites

TRS 097 or TRS 189.

An investigation of a topic in the field of Religious Studies not covered by the regular offerings of the department. Topics are announced prior to each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 171 - Gender and Religion in American Culture

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course focuses on the relationship between gender and religion in North American history and culture. We will explore gender as a category of analysis for the study of religion, and the ways that religions construct and deconstruct gender norms. Religion is lived and practiced, and therefore it cannot be separated from the gendered bodies that people inhabit. We will use historical and contemporary case studies to examine the way that notions of femininity and masculinity have played a role in the religious lives of Americans.

Core Curriculum Designation(s)

TE - Theological Explorations; AD - American Diversity

Cross-Listing

The course is cross-listed with Women's and Gender Studies.

Course credits: 1

TRS 172 - Religion, Media, and Culture

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course explores the relationship between religion, media, and culture, with an emphasis on the contemporary North American context. We will analyze the way that religion is experienced and practiced in everyday life and the impact of various forms of media (material, visual, digital) and cultural products/practices on religion in the modern era. Students will have the opportunity to think critically about the relationship between contemporary religious forms and capitalism, and the way that the study of religion, media, and culture challenges assumptions about the nature of "authentic" religion and spirituality.

Course credits: 1

TRS 173 - Colonialism, Race & Religion

Upper Division

Prerequisites

Prerequisite(s) and/or corequisite(s): TRS 097 or TRS 189.

Ways of classifying the human person, including race, developed within the histories of European colonialism. These forms of social classification profoundly shaped the idea of "America," and continue to shape the present historical situation in the United States. To understand better our immediate historical situations, it is crucial to have a deeper understanding of how colonialism, constructions of race, and religion worked together in the formation of the North Atlantic context out of which the United States emerged. In this course, we will specifically locate the reality of the United States and sets of relationship within the North Atlantic World within the history of European colonialism.

Core Curriculum Designation(s)

TE - Theological Explorations; AD - American Diversity; TCG - The Common Good

Course credits: 1

TRS 174 - Sustainability, Religion, Spirituality

Upper Division

Prerequisites

TRS 097 or TRS 189.

Since Lynn White's groundbreaking article in 1967, debate has raged among scholars, activists, and members of religious communities about the role(s) of religion and of specific religions in fostering unsustainability and in achieving sustainability. As part of this debate, some have proposed the existence and importance of a spirituality unconnected with historical or new religions as a key component of moving toward sustainability. This course provides an interdisciplinary introduction to these questions both in their historical and contemporary forms.

Course credits: 1

TRS 175 - Spiritual, Not Religious: Emerson to the New Age

Upper Division

Prerequisites

TRS 097 or TRS 189.

The American tradition of individual seeking in religion is as old as the Republic, but may be said to have its serious origin in the writings of Ralph Waldo Emerson. This course seeks to situate the contemporary phrase "spiritual, not religious," in a larger historical context and to compare contemporary American understandings of spirituality without institutional borders to more traditional understandings of spirituality.

Core Curriculum Designation(s)

TE - Theological Explorations

Course credits: 1

TRS 176 - Spirituality in Practice: Catholics in America

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course takes a cultural and theoretical approach to religion and focuses on Catholicism as it is experienced and practiced in everyday life. We will explore religion through concepts such as space, time, power, material culture, ritual, and the body, and use these concepts to understand more deeply the experience and practice of spirituality. Throughout the course, we will pay attention to the religious forms that develop when cultures come together, collide, or in other ways interact, and the relationship between religion and race, ethnicity, class, and gender. Students will have the opportunity to use theoretical ideas developed in the class to analyze practices such as religious pilgrimage and altar-building, and the role of material culture and the body in religious experience.

Core Curriculum Designation(s)

TE - Theological Explorations; AD - American Diversity

Cross-Listing

The course is cross-listed with Ethnic Studies.

Course credits: 1

TRS 179 - Theory and Method in the Study of Religion

Upper Division

Prerequisites

TRS 097 or TRS 189.

This course focuses on the theories and methods that have been foundational to the academic study of religion. It covers classical and contemporary approaches to the study of religion and the development of religious studies as an academic discipline.

Additional Notes

Limited to TRS majors and minors.

Course credits: 1

Theology & Religious Studies - Intensive Inquiry Courses

TRS 180 - Intensive Inquiry in Christian History

Upper Division

Prerequisites

Two TRS courses, or permission of instructor.

An in-depth investigation of a topic in Christian history, designed for TRS majors and minors. Topics are announced prior to registration each semester.

Course credits: 1

TRS 181 - Intensive Inquiry in Scripture

Upper Division

Prerequisites

Two TRS courses, or permission of instructor.

An in-depth investigation of a topic in Scripture, designed for TRS majors and minors. Topics are announced prior to registration each semester.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 182 - Intensive Inquiry in Systematic Theology

Upper Division**Prerequisites**

Two TRS courses, or permission of instructor.

An in-depth investigation of a topic in Systematic Theology, designed for TRS majors and minors. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 183 - Intensive Inquiry in Sacraments and Spirituality**Upper Division****Prerequisites**

Two TRS courses, or permission of instructor.

An in-depth investigation of a topic in Sacraments and Spirituality, designed for TRS majors and minors. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 184 - Intensive Inquiry in Ethics**Upper Division****Prerequisites**

Two TRS courses, or permission of instructor.

An in-depth investigation of a topic in Ethics, designed for TRS majors and minors. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 185 - Intensive Inquiry in World Religions**Upper Division****Prerequisites**

Two TRS courses, or permission of instructor.

An in-depth investigation of a topic in World Religions, designed for TRS majors and minors. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 186 - Intensive Inquiry in Religion and the Arts**Upper Division****Prerequisites**

Two TRS courses, or permission of instructor.

An in-depth investigation of a topic in Religion and the Arts, designed for TRS majors and minors. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

TRS 187 - Intensive Inquiry in Religion and Culture**Upper Division****Prerequisites**

Two TRS courses, or permission of instructor.

An in-depth investigation of a topic in Religion and Culture, designed for TRS majors and minors. Topics are announced prior to registration each semester.

Repeatable

May be repeated as content varies.

Course credits: 1

Women's and Gender Studies - Lower Division

In addition, new courses are approved on a term-to-term basis. Examples of such electives include ENGL 154 - Studies in African-American Literature or ENGL 141 - Studies in Medieval Literature.

WGS 001 - Introduction to Women's and Gender Studies**Lower Division**

An introduction to the interdisciplinary field of Women's and Gender Studies. The course provides a broad perspective on research in gender in a variety of disciplines (including sociology, psychology, politics, philosophy, history, and literature). Topics include the historically changing representations of women; the history of the women's movement in the United States; globalization; contemporary feminisms, sexualities, ecology, and the intersection of gender, race, and class. A goal of the course is for each student to develop a critical perspective on the meaning of gender in our society.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; TCG - The Common Good

Course credits: 1

WGS 088 - Biology of Women**Lower Division****Concurrently**

BIOL 089 - Biology of Women Laboratory

Biology of Women is an introduction to the structure, physiology and genetics of women across the life span. The first half of the course will explore the genetic, hormonal and developmental basis of gender. We will study physiology and development from conception, through puberty, pregnancy and aging. The latter part of the course will deal with specific health concerns of women and focus on predominantly or uniquely gender- related illnesses and their physiologic basis. The laboratory (BIOL 089) is intended to demonstrate the varied processes of science and the scientific method using women's biology as the basic subject material.

Core Curriculum Designation(s)

SU - Scientific Understanding (with Lab)

Fee

Laboratory fee \$185.

Cross-Listing

Cross-listed as BIOL 088

Course credits: 1

Women's and Gender Studies - Upper Division**WGS 106 - Women in Sports****Upper Division****Prerequisites**

KINES 010 and KINES 015 (or, for non-majors, permission of the instructor).

This course will analyze the relationship between gender and sport from multiple perspectives. Emphasis will be placed on exploring the changing roles in sports for women, as well as how past and current beliefs regarding gender equity, health, and women's role in society shape the experiences of women in sports in our society today. Topics will include: the history of women in sport, structural constraints facing women in sport, race and ethnicity, women's health issues, sexuality and homophobia as they pertain to sport, the role of the media, the sporting body, Title IX and career opportunities for women, and the future of sports for women in our society.

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good

Cross-Listing

Cross-listed as KINES 106

Course credits: 1

WGS 107 - Research Seminar in Women's and Gender Studies

Upper Division

Prerequisites

WGS 001 or permission of instructor.

An exploration of a theme or problem area in the field of Women's and Gender Studies. Past topics have included: women and work; gender and science; women and religion, gender and popular culture; transnational perspectives on gender; U.S. cultural representations of gender; women and the media; masculinities; the history of sexuality. The course combines seminar discussions of texts that represent a variety of methodologies and disciplines with research papers. Research topics are designed by individual students in consultation with the instructor.

Course credits: 1

WGS 111 - Kinship, Marriage and Family

Upper Division

For more than a century anthropological research has focused on households, kinship relations, childhood and families across cultures and through time. The anthropological record shows us that concepts such as "marriage," "childhood" and "family" have been understood in radically different ways, and this course provides students with a historical and theoretical perspective on the anthropological study of kinship as it relates to different issues connected to the state of marriage, family and childhood throughout the world.

Repeatable

May be repeated as content varies.

Course credits: 1

WGS 111-1 - Sociology of Families

Upper Division

Families are one of our most basic social institutions. They provide the primary social and physical contexts within which we become fully human. This course begins by exploring the idea of "the traditional family" and continues by examining historical trends and empirica

WGS 115 - Theories of Justice

Upper Division

The course examines different theories of justice based on concepts such as "fairness," "equal treatment," and "getting one's due." These alternative theories are then applied to contemporary controversies concerning economic, racial, sexual and environmental justice and to current debates about such issues as immigration, euthanasia, abortion, and capital punishment.

Core Curriculum Designation(s)

AD - American Diversity; TCG - The Common Good

Cross-Listing

Cross-listed as POL 115

Course credits: 1

WGS 116 - Global Migration**Upper Division**

Addresses the dynamics of contemporary migration and the way it is changing cultures, societies, politics, and families. The course introduces theories of assimilation, transnationalism, and multiculturalism and examines contemporary patterns of international migration flows. Among the topics covered are feminization of migration, labor migration, citizenship, human trafficking, refugee crises, and politics of asylum.

Core Curriculum Designation(s)

GP - Global Perspectives

Cross-Listing

Cross-listed as SOC 116

Course credits: 1

WGS 119 - Global Sociology**Upper Division**

Examines the global nature of contemporary social, economic, political, and cultural change. Reviews the multidisciplinary theoretical approaches that analyze the origins, dynamics, and consequences of globalization. Provides students with an understanding of an array of issues that stem from global changes, including global inequality, third-world poverty, labor rights violations, natural resource constraints, and environmental problems.

Core Curriculum Designation(s)

GP - Global Perspectives

Cross-Listing

Cross-listed as SOC 119

Course credits: 1

WGS 120 - Spanish Literature: Middle Ages to Eighteenth Century**Upper Division**

Introduction and study of the major genres and writers from the Middle Ages to the 18th century, including Cantar de mío Cid, medieval ballads, early lyric and didactic poetry and readings in medieval prose and drama; selections from lyric and mystic Renaissance poetry; the picaresque novel. Golden Age prose and poetry, including Cervantes, Góngora, Lope de Vega and Calderón.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Term Offered

Offered in alternate years.

Cross-Listing

Cross-listed as SPAN 120

Course credits: 1

WGS 123 - Sex and the Spirit**Upper Division****Prerequisites**

TRS 097 or TRS 189.

An exploration of a contested area in Christian thought today, setting traditional understandings in dialogue with contemporary concerns and critiques. How does our experience of ourselves as sexual beings open us to the experience of the holy; and, conversely, how might our desire for God be intimately related to our sexual desire and longings? These are the questions that will be the focus of our work. Not a course on sexual ethics, this course is an exploration of the complex interrelationship of sexual and spiritual desire as both are reflected upon in the Christian spiritual tradition and others.

Core Curriculum Designation(s)

TE - Theological Explorations

Cross-Listing

Cross-listed as TRS 123

Course credits: 1

WGS 125 - Gender and Culture**Upper Division**

While sex is biological, gender refers to the set of cultural expectations assigned to males and females. This course takes a four-field anthropological approach to understanding gender, investigating such topics as third and fourth gender diversity, gender among non-human primates, gender roles in prehistory and the sociolinguistics of gender usage. Special attention is paid to the ways in which gender articulates with other social practices and institutions such as class, kinship, religion and subsistence practices.

Cross-Listing

Cross-listed as ANTH 125

Course credits: 1

WGS 125-01 - Gender and Society**Upper Division**

While sex differences are biological, gender encompasses the traits that society assigns to and inculcates in males and females. This course studies the latter: the interplay between gender and society. It takes an inclusive perspective, with a focus on men and women in different cultural contexts defined by ethnic group membership, sexuality, and

socioeconomic status.

Cross-Listing

Cross-listed as SOC 125.

Course credits: 1

WGS 125-02 - Women in the Christian Tradition

Upper Division

An introduction to the major themes and tensions that shape the study of women in the Christian tradition.

Cross-Listing

Cross-listed

Course credits: 1

WGS 126 - Engaging Communities

Upper Division

Prerequisites

ENGL 004 or WGS 001.

This course will examine issues in gender and social justice through community engagement. Students will be asked to address a "real world" understanding of topics ranging from violence to electoral politics, poverty to environmental sustainability, and many others, through service-learning on behalf of community partners whose work addresses a range of related social issues. This course will satisfy requirements for the major and minor in Women's and Gender Studies and is open to all students. Experience in WGS 001 - Introduction to Women's and Gender Studies is encouraged but not required.

Core Curriculum Designation(s)

TCG - The Common Good; CE - Community Engagement

Course credits: 1

WGS 139 - History of Women in America

Upper Division

A survey of American women's history from 17th century colonial encounters to the present with an emphasis on ethnic and class diversity, shifting definitions and cultural representations of womanhood, and the efforts of women to define their own roles and extend their spheres of influence.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Term Offered

Offered in alternate years.

Cross-Listing

Cross-listed as HIST 139

Course credits: 1

WGS 140 - Gender Politics A/B

Upper Division

A study of the social, economic, political and legal status of women in contemporary America and in other countries. The course examines the dynamic changes taking place in the relationship between women and men. Topics include the history of women's liberation movements, contemporary battles on workplace equality, parental leave, equal pay, reproductive justice, etc. Includes Community-Based Research (the equivalent of a lab). (.25 credit).

Core Curriculum Designation(s)

CE - Community Engagement

Term Offered

Offered in alternate years.

Cross-Listing

Cross-listed as POL 140

Course credits: 1.25

WGS 147 - Psychology of Gender

Upper Division

Prerequisites

PSYCH 001.

A critical review of the theory and research on gender from the biological, psychological and sociological perspectives. The course explores the social construction of gender and how it impacts human development and social behavior. Throughout the course, the interaction between gender and the complexities of race, culture and sexual orientation is considered.

Cross-Listing

Cross-listed as PSYCH 147

Course credits: 1

WGS 151 - Women in Latin American History

Upper Division

An examination of the participation of women in struggles for social justice in Latin America, asking what has motivated women to abandon traditional roles and how they have shaped debates about human rights, democracy, feminism, ecology, and socialism in selected Latin American countries.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; GP - Global Perspectives; TCG - The Common Good

Cross-Listing

Cross-listed as HIST 151

Course credits: 1

WGS 153 - American Ethnic Writers and Oral Traditions**Upper Division**

Study of the literary or oral imaginative achievement of an American ethnic or cultural group such as Native Americans, Asian Americans, American Jews, specific Black cultural groups, Hispanic Americans or Chicano communities.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); AD - American Diversity

Cross-Listing

Cross-listed as ENGL 153

Course credits: 1

WGS 173 - Women Writers**Upper Division**

Intensive study of some aspect of literature by women. Examples of possible topics are: 19th-Century British Novelists; Contemporary Women Poets; and American and Canadian Short Story Writers.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Repeatable

May be repeated as content varies.

Cross-Listing

Cross-listed as ENGL 173

Course credits: 1

WGS 177 - Feminist and Gender Theories**Upper Division****Prerequisites**

Limited to Juniors and Seniors Only.

This seminar provides a series of inquiries into the diverse theoretical frameworks of contemporary feminism. Critical race theory, cultural studies, post-structuralism, Marxist and postcolonial theories, gender difference and queer theories, sexualities studies, ecofeminism, and contemporary identity politics are a few of the directions in discussion and research.

Course credits: 1

WGS 183 - Dance History II

Upper Division

Prerequisites

PERFA 001 and PERFA 182.

This course examines the emergence and development of modern dance in the 20th Century in the United States and Europe. The class will study the early roots of modern dance, the subsequent generations of modern dance choreographers, the post-modern movement and contemporary forms in the late 20th and early 21st centuries. We will study significant choreographers, performers and companies, paying close attention to the role women played in the history of modern dance. We will draw from social, cultural and feminist theories of dance to construct a historical understanding of modern dance. A lab fee is charged to cover the performances required for this class. This course is a requirement for Dance majors and minors.

Cross-Listing

Cross-listed as PERFA 183

Course credits: 1

WGS 195 - Internship

Upper Division

Prerequisites

Permission of instructor and program director required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Course credits: 1

WGS 196 - Senior Research Thesis

Upper Division

Prerequisites

Upper-division standing; WGS 001, WGS 107, and WGS 177. Open to minors upon approval by the director and instructor of the course. (In the case of a split or double major, WGS 196 may be taken in conjunction with thesis work in the other discipline. In the case of a minor, WGS 196 may be taken in conjunction with thesis work in the major.)

Critical examination of theories and issues in contemporary Women's and Gender Studies methodologies. Directed readings, research, and writing of a final senior paper or project under the supervision and approval of the instructor.

Core Curriculum Designation(s)

WID - Writing in the Disciplines

Course credits: 1

WGS 197 - Independent Study

Upper Division

Prerequisites

Permission of instructor and program director required.

An independent study or research course for students whose needs go beyond the regular courses in the curriculum.

Course credits: 1

WGS 199 - Honors Independent Study**Upper Division****Prerequisites**

Permission of the instructor and program director required.

An independent study or a research course for upper-division students with a B average in the major.

Course credits: 1

Studies for International and Multilingual Students - Lower Division**SMS 015 - American Culture and Civilization****Lower Division**

A survey course delivered through the Anthropology Department provides the student with the tools to interpret and evaluate culture from a social science perspective. The approach is a cross-cultural comparative model using American values, life-styles and traditions within a framework of the day-to-day workings of American culture. Course work is composed of lectures, readings, discussions and fieldwork projects. The course is required of all international students and must be taken during the first semester of attendance. In certain cases, permission for exemption may be granted upon evaluation by the Faculty Committee and Registrar.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding; AD - American Diversity

Course credits: 1.0

SMS 023 - Writing Lab**Lower Division****Concurrently**

Corequisite: ENGL 003

The SMS Labs help support ENGL 003, ENGL 004, and ENGL 005, as well as other first-year courses that have significant writing requirements and would give non-native English speakers a better chance of succeeding in all of their courses. Students will gain: greater fluency in written English; understanding of course expectations at Saint Mary's regarding writing; increased proficiency in English grammar and vocabulary; better understanding of the stages of assembling an essay (including thesis formation, overall essay organization, paragraph development, and effective sentence construction) through focused work on each stage; better writing habits gained through practice in assessing writing assignments across the disciplines, setting writing schedules, brainstorming and drafting techniques, and

revising essays.

Course credits: 0.25

SMS 024 - Writing Lab

Lower Division

Concurrently

Corequisite: ENGL 004

The SMS Labs help support ENGL 003, ENGL 004, and ENGL 005, as well as other first-year courses that have significant writing requirements and would give non-native English speakers a better chance of succeeding in all of their courses. Students will gain: greater fluency in written English; understanding of course expectations at Saint Mary's regarding writing; increased proficiency in English grammar and vocabulary; better understanding of the stages of assembling an essay (including thesis formation, overall essay organization, paragraph development, and effective sentence construction) through focused work on each stage; better writing habits gained through practice in assessing writing assignments across the disciplines, setting writing schedules, brainstorming and drafting techniques, and revising essays.

Course credits: 1

Modern Languages/World Languages in Translation - Upper Division

MODL 126 - Film

Upper Division

Viewing and discussion of French, German, Italian, Japanese, Spanish or Latin American films. Each course focuses on a particular genre, director, country or area sharing a common language and culture.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis)

Repeatable

May be repeated as content varies.

Course credits: 1

MODL 130 - Special Topics in Literary Studies

Upper Division

This course is an intensive study and analysis of a single salient feature or movement in literature.

Repeatable

May be repeated as content varies.

Course credits: 1

MODL 131 - Special Topics in Linguistics

Upper Division

This course explores a particular linguistic topic of the language, including such areas as historical linguistics, sociolinguistics, morphology, second language acquisition, bilingualism, and methodologies of teaching language.

Repeatable

May be repeated as content varies.

Course credits: 1

MODL 132 - Special Topics in Cultural Studies

Upper Division

Courses taught under this designation seek to provide students with an understanding of the history, cultures, and contemporary issues of Latin America, including the presence of Latinos in the United States.

Repeatable

May be repeated as content varies.

Course credits: 1

MODL 170 - Modern Critical Theory

Upper Division

General introduction to movements or trends in current critical theory, including psychoanalytic (Freudian, Lacanian), postmodernism (deconstructionism), feminist theory, structuralism, semiotics, etc. Discussion of theory is in English. Students' written work is in French or Spanish.

Additional Notes

English majors accepted with permission of chair of Department of English.

Course credits: 1

MODL 180 - Medieval and Early Renaissance Poetry and Music

Upper Division

A study of popular and cultivated poetry of Medieval and Renaissance Europe and the musical expressions in the context of the Medieval and Renaissance world and mind.

Course credits: 1

MODL 181 - Renaissance and Baroque Literature of Europe

Upper Division

A study of the literature of 17th-century Europe.

Repeatable

May be repeated as content varies.

Course credits: 1

MODL 182 - The Romantic Movement in Literature**Upper Division**

A study of the literary expression of the 19th century.

Repeatable

May be repeated as content varies.

Course credits: 1

MODL 183 - Authors, Genres and Themes in Western Literature**Upper Division**

An investigation of a single author, genre, theme or topic in Western or Third-World literature.

Repeatable

May be repeated as content varies.

Course credits: 1

MODL 184 - Topics in Hispanic Literature**Upper Division**

Reading and discussion of Hispanic literature in translation. Topics include Hispanic women writers, modern Chicano literature, Hispanic theater in the United States.

Course credits: 1

MODL 185 - Culture and Civilization of France**Upper Division**

A study of the relationship between the rich culture of France and its turbulent history. Attention given to the interchange between artistic or literary expression and the political process, with consequent socioeconomic developments.

Core Curriculum Designation(s)

SHCU - Social, Historical, and Cultural Understanding

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: 1

MODL 186 - Culture and Civilization of Italy

Upper Division

Italian culture has been central in the development of western civilization. The aim of this course is to consider the intellectual and artistic manifestations of this important culture in all its brilliant variety.

Core Curriculum Designation(s)

AA - Artistic Understanding (Analysis); TCG - The Common Good

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: 1

MODL 187 - Culture and Civilization of Spain

Upper Division

Highlights of Spain's culture. Masterpieces of Spanish artistic expression are studied and the roles of social, religious and political values in the development of Spain's culture and civilization to contemporary times.

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: 1

MODL 188 - Culture and Civilization of Latin America

Upper Division

The study of the culture of the various Latin American nations from pre-Colombian times to the present. Special consideration of manifestations of Latin American artistic expression. An examination of the social, religious and political values of the culture, and the similarities and differences between Latin American nations.

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: 1

MODL 189 - Culture and Civilization of Mexico

Upper Division

A study of major historical periods, from pre-Colombian times to the present. Emphasis given to cultural traits particular to Mexico. An overview of art history: Mesoamerican art, the mural movement and contemporary currents.

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: 1

MODL 195 - Internship

Upper Division

Prerequisites

Permission of instructor and department chair required.

Work-study program conducted in an internship position under the supervision of a faculty member.

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: Credit may vary

MODL 196 - Capstone

Upper Division

An independent project integrating language and culture designed in consultation with an instructor in a student's language studies area.

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: 0.25

MODL 197 - Independent Study

Upper Division

Prerequisites

Permission of instructor and department chair required.

An independent study or research course for students whose needs go beyond the regular courses in the curriculum.

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: Credit may vary

MODL 199 - Honors Independent Study

Upper Division

Prerequisites

Permission of the instructor and department chair required.

An independent study or a research course for upper-division students with a B average in the major.

Additional Notes

Recommended to majors in business administration, politics, history and communication:

Course credits: 1